

**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION**

**INTERAGENCY AGREEMENT**

**PART I**

<b>U.S. Customs and Border Protection</b>	Agreement No.	HSBP1010X00180	Modification No.	
	Option No.		Task Order No.	
Statutory Authority		Requisition No.	Date Prepared	
ECONOMY ACT (31 U.S.C 1535)		0020057641	08/16/2010	
Name and Address of Customs Organization (Office or Division Responsible for Agreement) DHS - Customs & Border Protection CBP 1901 South Bell Street  Arlington VA 22202		Performance Location  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW  WASHINGTON DC 20240		
<b>Participating Agency</b>	Agreement No.	RA10W0648	Modification No.	
	Option No.		Task Order No.	
Statutory Authority		Requisition No.	Date Prepared	
Name and Address of Participating Organization (Office or Division Responsible for Agreement) Department of the Interior Office of the Secretary Ofc of Law Enforcement & Security 1849 C St. NW, MS-3409 Washington DC 20248-0001		Performance Location  DEPARTMENT OF THE INTERIOR OFFICE OF THE SECRETARY OFFICE OF LAW ENFORCEMENT AND SECURITY 1849 C ST. NW, MS-3409, WASHINGTON DC 20248		

**PART II**

<i>All acquisitions made under this Agreement shall comply with the Competition in Contracting Act, P.L. 98-369, and regulations pertaining thereto.</i>			
Scope of Work: See Atch SOW	Period of Performance: From 08/25/2010 To 09/30/2015		
	Base Price of Funded IA:	\$6,812,803.00	
	Amount of this Modification:	\$0.00	
	Overhead:	\$0.00	
	Total Price of IA:	\$6,812,803.00	
Attachments:	<input checked="" type="checkbox"/> Terms and Conditions of Agreement	<input checked="" type="checkbox"/> Statement of Work	<input type="checkbox"/> Quantity and Unit Price
	<input type="checkbox"/> Determinations and Findings	<input type="checkbox"/> Option Period Dates	<input type="checkbox"/> Form 236A
	<input type="checkbox"/> Market Research Findings	<input type="checkbox"/> Other: _____	

**U.S. Customs and Border Protection Form 236 (05/02)**

**PART III**

**Special Instruction: U.S. Customs and Border Protection Interagency Agreement Number and Project Code must be referenced on every invoice/voucher.**

<b>PARTICIPATING AGENCY FUNDING</b>	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<p style="font-size: 1.2em; margin: 0;"><i>6051WTW03 52</i></p> <p style="font-size: 1.2em; margin: 0;"><i>Approp # 14 X 4523</i></p> <p style="margin-top: 20px;"><b>GRAND TOTAL</b> <span style="float: right;"><u>\$6,812,803.00</u></span></p>
<b>U. S. CUSTOMS AND BORDER PROTECTION FUNDING</b>	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<p>10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532</p> <p style="margin-top: 20px;"><b>GRAND TOTAL</b> <span style="float: right;"><u>\$6,812,803.00</u></span></p>

**PART IV**

Check Appropriate Boxes:  Transfer Appropriation  Billing for actual cost incurred  
 Other \_\_\_\_\_

Monthly  Quarterly  Semi-Annual  Annual  Advanced  Reimbursable Direct Fund Cite

<b>BILLING / PAYMENT</b>	<b>PARTICIPATING AGENCY</b>	<b>U.S. CUSTOMS AND BORDER PROTECTION</b>
	Agency Locator Code: 14010001	Agency Locator Code: 70050800
	BPN No.: 130907426	BPN No.: DUNS# 879824324
	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230	Address: DHS - Customs & Border Protection National Finance Center  PO Box 68908 Indianapolis IN 46268
	Point of Contact: MISTY FOSTER	Point of Contact: (b) (6)
	Telephone No.: 303-969-7454	Telephone No.: (b) (6)
	FAX No.:	FAX No.: (b) (6)
	E-Mail Address: MISTY_FOSTER@NBC.GOV	E-Mail Address:

APPROVALS

	PARTICIPATING AGENCY	U.S. CUSTOMS AND BORDER PROTECTION	
<b>PROGRAM OFFICE</b>	Name: JONATHAN M. ANDREW	Name:	
	Title: INTERAGENCY BORDERLAND COORDINATOR	Title:	
	Telephone No.: 202-208-7431	Telephone No.:	
	FAX No.:	FAX No.:	
	E-Mail Address: JONATHAN_ANDREW@IOS.DOI.GOV	E-Mail Address:	
	Signature: <i>[Handwritten Signature]</i> Date: 9-23-10	Signature:	Date:
<b>C O T R</b>	Name:	Name:	
	Title:	Title:	
	Telephone No.:	Telephone No.:	
	FAX No.:	FAX No.:	
	E-Mail Address:	E-Mail Address:	
	Signature:	Date:	Signature:
<b>PROGRAM BUDGET OFFICE(R)</b>	Name: KATHERINE MCCULLOCH	Name:	
	Title: BUDGET OFFICER, OFC OF THE SEC	Title:	
	Telephone No.: 202-208-6443	Telephone No.:	
	FAX No.: 202-208-3911	FAX No.:	
	E-Mail Address: KATHERINE.MCCULLOCH@IOS.DOI.GOV	E-Mail Address:	
	Signature: <i>[Handwritten Signature]</i> Date: 9/23/10	Signature:	Date:
<b>BUDGET DIVISION (for 2X only)</b>	Name:	Name:	
	Title:	Title:	
	Telephone No.:	Telephone No.:	
	FAX No.:	FAX No.:	
	E-Mail Address:	E-Mail Address:	
	Signature:	Date:	Signature:
<b>CONTRACTING OFFICER</b>	Name:	Name: KERRI A. BISHOP	
	Title:	Title: Contracting Officer	
	Telephone No.:	Telephone No.: (b) (6)	
	FAX No.:	FAX No.:	
	E-Mail Address:	E-Mail Address: (b) (6)	
	Signature:	Date:	(b) (6)

## Statement of Work

### Interagency Agreement Between U.S. Customs and Border Protection and the Department of the Interior Addressing Potential Impacts to Natural and Cultural Resources from PF70, PF225 and VF 300

#### I. BACKGROUND

This Statement of Work (SOW) sets out the terms and conditions that are applicable to the projects, referred to herein as "Conservation Actions." The projects will be implemented pursuant to the Interagency Agreement between U.S. Customs and Border Protection (CBP) and the Department of Interior (DOI) (collectively the "Parties"), Agreement No. HSBP1010X00180 (the "Agreement"). The Conservation Actions that are to be funded and implemented pursuant to this Agreement address effects on DOI-administered resources and are part of a larger effort by CBP and DOI to mitigate for environmental effects that have resulted from CBP's PF 225, VF 300, and PF 70 initiatives, which was memorialized in a January 15, 2009 Memorandum of Agreement and a Letter of Commitment between DOI and CBP. In accordance with applicable statutes, DOI responsibility for these resources applies irrespective of the ownership or jurisdictional status of lands and waters. For purposes of this Agreement, DOI-administered resources are defined as:

- Endangered and threatened species whose designated habitats, distribution or population will be adversely affected by the deployment and maintenance of border security infrastructure.
- Other fish and wildlife including: migratory birds, resident species, and other members of the animal kingdom whose populations or habitats will be adversely affected by the deployment and maintenance of border security infrastructure.
- Plant communities including wetlands and riparian areas that will be adversely affected by the deployment and maintenance of border security infrastructure.
- Adverse effects to other natural resources such as soils, hydrology, designated wilderness areas from the deployment and maintenance of border security infrastructure.
- Cultural resources, including Native American human remains and cultural items that will be adversely affected by the deployment and maintenance of border security infrastructure.

#### II. **GENERAL TERMS AND CONDITIONS APPLICABLE TO ALL CONSERVATION ACTIONS**

Each and every Conservation Action carried out pursuant to this Agreement is subject to the following general terms and conditions:

- A. Total Available Funding:** Pursuant to this Agreement, CBP will make up to \$6,812,803.00 available to DOI for the activities and projects designed to address impacts to DOI-administered resources. The funds provided by CBP shall be used to implement Conservation Actions that will address effects on DOI-administered resources within the States of California, Arizona, New Mexico, and Texas. No funds provided under this Agreement or any other interagency agreement between the Parties may be used to fund conservation actions outside the United States without express, written authorization from CBP.
- B. Immediate Funding for Nine Non-Land Acquisition Conservation Actions:** Pursuant to a Memorandum of Agreement and a Letter of Commitment between DOI and CBP which were executed on January 15, 2009, DOI has submitted to CBP a list of 29 conservation actions for consideration. Based on a review of these projects, CBP has agreed to immediately provide funding for nine (9) high priority conservation actions which do not involve land acquisition. The nine (9) projects will be immediately funded pursuant to this Interagency Agreement. Other Conservation Actions will be activated, and the Agreement will be modified or amended to include such actions, as the Parties agree on the scopes of work to be accomplished and as funding becomes available.

Each Conservation Action to be carried out under the Interagency Agreement will be described in separate Project Description Worksheets. Each Project Description Worksheet will include a detailed description of the work to be undertaken and an individualized cost estimate of the Conservation Action. Once the work to be undertaken in a Project Description Worksheet has been agreed to by the Parties, it shall be added to Appendix 1 of this SOW and expressly incorporated herein.

The Conservation Actions will be executed through a combination of in-house DOI personnel and external contracts. Approximately 40% of the work under this Agreement will be executed by in-house DOI personnel and 60% will be executed under contracts.

- C. Tasks:** Each Conservation Action, as described in a Project Description Worksheet, that is set forth in Appendix 1 of this SOW shall be treated as a separate task. Conservation Actions shall be subject to the General Terms and Conditions set forth herein and be carried out in accordance with the individual Project Description Worksheet in Appendix 1 of this Agreement.
- D. Adjustments in Funding Individual Conservation Actions:** Adjustments to the amount of funding that has or will be made available for any individual Conservation Action shall be made in accordance with the following procedures:

1. **Costs Exceed:** To the extent that cost of completing any Conservation Action exceeds its individualized cost estimate set forth in Appendix 1:
  - (a) DOI shall, as soon as practicable, notify CBP of the funding shortfall.
  - (b) After receiving such notice from DOI, CBP will consult with DOI, and the Parties will make a mutual determination as to whether: (1) the project or action at issue should be discontinued; or (2) the project or action at issue should be completed with funds that were previously set aside for another on-going or future Conservation Action.
  - (c) If the Parties determine that the project or action at issue should be completed using funds that were previously set aside for another on-going or future Conservation Action, the Parties will consult to determine: (1) the estimated cost of completing the project or action; and (2) the on-going or future Conservation Action from which the costs necessary for completion should be drawn. The Parties shall also work together to make any necessary adjustments to or modifications of the Project Description Worksheets of the relevant Conservation Actions.
  
2. **Remaining Balance:** To the extent that the cost of any individual Conservation Action is less than its individualized cost estimate set forth in Appendix 1:
  - (a) DOI shall, as soon as practicable, notify CBP of the excess funding.
  - (b) After receiving such notice from DOI, CBP will consult with DOI, and the Parties will make a mutual determination as to whether to use the excess funding to supplement the funds available for another on-going or future Conservation Action. The Parties shall also work together to make any necessary adjustments or modifications to the Project Description Worksheets of the relevant Conservation Actions.

**E. Abandonment and/or Replacement of Conservation Actions:** If at any point during the execution or implementation of any of the Conservation Actions set forth in Appendix 1, the Parties mutually agree that it is no longer feasible and/or possible to complete said Conservation Action, the Parties will consult and make a mutual determination as to whether: (1) the project or action at issue should be replaced with a new Conservation Action that is designed to address the same or similar DOI-resource; (2) or whether any unused balance should instead be

applied to an on-going or future Conservation Action that has already been approved for funding under this Agreement. Any funds used toward a Conservation Action that is later abandoned or replaced shall continue to count towards the \$6,812,803.00 in total available funding for this Interagency Agreement.

**F. Exhaustion of Total Available Funding:** Upon the exhaustion or use of the entire \$6,812,803.00 that is being made available pursuant to this Interagency Agreement, the Conservation Actions to be carried out under this Interagency Agreement shall be deemed complete. Provided, however, that any Conservation Action that is to receive phased funding which is not a part of and/or in addition to the \$6,812,803.00 provided for in this Interagency Agreement shall not be deemed complete until all allotted funds have been expended.

**G. Land Acquisition:** Any Conservation Action that involves CBP's providing funds for the purchase of an interest in land (including conservation easements and fee simple interests) by a third party shall be subject to the following terms and conditions:

1. DOI and CBP will ensure that the interest to be acquired conserves the land in perpetuity.
2. Notwithstanding any provision of the Agreement and/or the provisions of any individual Conservation Action to the contrary, prior to the purchase of any interest in land being agreed to and finalized with a willing seller, CBP and DOI will consult and mutually agree that proceeding with the transaction will allow for both agencies to achieve their mandated missions, including border security operational requirements and conservation goals. CBP and DOI agree that when DOI identifies a tract and a willing seller for a proposed mitigation action, this consultation shall occur and be finalized within 60 days of being initiated.
3. Interests in land that are funded pursuant to this Agreement may only be acquired from willing sellers that can prove a title interest sufficient to convey the property.
4. If at any point after the purchase of an interest in land under this Agreement CBP determines that manner in which such land is being administered or managed is negatively impacting its border security operations, CBP may request a consultation with DOI to discuss changes in the management and administration of such land. With respect to the management and administration of any land purchased under this Interagency Agreement, the Parties shall use their best efforts to

accommodate their respective conservation and operational needs and objectives.

#### H. Estimated Cost Breakout of Conservation Actions to be Immediately Funded

First year agreement is in effect.

a. Mitigation Coordinator	\$685,500
b. Sasabe Biological Opinion	\$2,119,000
c. Organ Pipe Cactus NM Biological Opinion	\$980,000
d. San Bernardino Valley Mitigation	\$657,480
e. Rio Yaqui Fish Studies	\$441,250
f. Peninsular Bighorn Sheep Study	\$230,000
g. Coronado NM Agave Restoration	\$274,873
h. Northern Aplomado Falcon Reintroduction and Habitat Restoration	\$499,700
i. Border-wide Bat Conservation	\$925,000
Total	\$6,812,803

### III. DELIVERABLES

Six (6) months after funding is made available to DOI for Conservation Actions in the first year of this Agreement, and in each subsequent year for the life of this agreement, DOI shall furnish CBP with a detailed mid year report on the status of each Conservation Action approved for funding. The report will include a detailed description of the accomplishments of each Conservation Action over the duration of the reporting period as well as a detailed financial accounting of the expenditures against each of the approved projects. In addition, the report shall outline the projected accomplishments for each Conservation Action over the next 6 months.

On the one year anniversary after which funds are made available pursuant to this Agreement, and on each subsequent annual anniversary, excepting every third year, DOI shall prepare and distribute a public document which outlines the accomplishments pursuant to this Agreement. This document will be provided for CBP review, and CBP comments shall be incorporated prior to public release of the document. DOI will collaborate with CBP in the development of the distribution list.

By the end of the third year after funds are made available under this Agreement, DOI shall furnish CBP with a detailed report which, (1) outlines the accomplishments for that year, (2) analyzes the success and overall progress of each habitat restoration project undertaken pursuant

to this Agreement for the preceding three year period and (3) discusses and quantifies the extent to which the mitigation implemented by DOI on behalf of CBP has served to off-set impacts related to the border security projects subject to the April 1, 2008 waiver.

#### IV. PERIOD OF PERFORMANCE

The estimated periods of performance for each Conservation Action are specifically set forth in the Project Description Worksheets attached hereto in Appendix 1. Beginning in September of 2011, and on an annual basis thereafter, CBP and DOI will review the progress and status of each Conservation Action that is currently being funded and implemented under the Agreement. The parties will assess, among other things, current project workloads, work that has been completed, and work that is still required to be completed. Based on this mutual assessment of the Conservation Actions currently being funded and implemented, CBP and DOI will make a mutual decision as to whether the Agreement should be modified, terminated, canceled or extended into the following fiscal year.

#### V. FUNDING

Fund: 09173  
 Org Code: 28040500  
 Program Code: SB01  
 Project Code: 000

#### VI. REPORTING

DOI will keep full and complete records and accounts with respect to the use of funds provided under this Agreement in accordance with generally accepted accounting principles. DOI shall maintain relevant documentation to reflect expenditures, procurement costs, and other related costs. DOI will provide monthly billing to DHS/CBP for expenses incurred relevant to this interagency agreement in a format that clearly identifies the expenses against the requirements. A template of the invoice format has been attached to this Agreement.

#### VII. POINTS OF CONTACT

##### REQUESTING AGENCY (BUYER)

###### Contracting Officer Tech. Representative:

Name: (b) (6)

Title:

Address:

24000 Avila Rd  
 Laguna Niguel, CA 92677

Phone: (b) (6)

##### SERVICING AGENCY (SELLER)

###### Technical Contact:

Name: Jonathan M. Andrew

Title: DOI Interagency Borderland  
 Coordinator

Address: Office of the Secretary,  
 Law Enforcement Security and  
 Emergency Management  
 1849 C St, NW  
 Washington, DC 20240

Phone: (202) 208-7431

Fax:  
Email: (b) (6)

Fax:  
Email: [jonathan\\_andrew@ios.doi.gov](mailto:jonathan_andrew@ios.doi.gov)

REQUESTING AGENCY (BUYER)

Contracting Contact:  
Name: (b) (6)  
Title: Contract Specialist

Address: 1901 S Bell St. (b) (6)  
Arlington, VA 22202  
Phone: (b) (6)  
Fax:  
Email: (b) (6)

SERVICING AGENCY (SELLER)

Agreements Contact:  
Name: Katherine McCulloch  
Title: Budget Officer  
Office of the Secretary  
Address: 1849 C. St NW  
Washington, DC 20240  
Phone: (202) 208-6443  
Fax: (202) 208-3911  
Email: [Katherine\\_McCulloch@ios.doi.gov](mailto:Katherine_McCulloch@ios.doi.gov)

## APPENDIX ONE

**Department of the Interior  
PF-225 and VF-300 Mitigation Measure  
Project Description Worksheet**

**General Information**

**Project Title:** Mitigation Coordinator

**Project Manager:** Elizabeth Oms, Acting ARD for Ecological Services, 505-248-6646,  
elizabeth\_oms@fws.gov

**Sponsoring Bureau:** U.S. Fish and Wildlife Service

**Project Location:** Region 2 Regional Office, Albuquerque, NM

**Congressional District:** U. S. Representative Martin Heinrich, District 1

**Total Estimated Cost:** 685,500.00

**Description**

**Project description:** The incumbent will serve as a Regional staff coordinator for tracking and reporting project status, including 6 month, annual and tri-annual progress reporting, contract management, coordinating and completing various associated procedural requirements such as realty acquisition and contaminant reviews for projects that mitigate impacts to threatened and endangered species and other trust responsibilities as a result of Customs and Border Protection (CBP) activities. The incumbent will be in a regional coordination position to be shared by Regions 2 and 8, located in the Region 2 Regional Office. The coordinator will ensure that mitigation projects, where avoidance and/or minimization through Best Management Practices was or is not possible, are designed to offset the impacts of border security activities on natural and cultural resources that are managed, protected, or under the jurisdiction of Department of the Interior (DOI). The incumbent will be responsible for coordinating the prioritized mitigation needs with associated DOI bureaus.

**Estimated Start Date:** Will be advertised within the next month

**Projected Finish Date:** 4 years

**Corresponding Unique ID Numbers**

N/A

**Project Itemized Budget**

Salary and Benefits, GS-13 125,000/yr. x 4years = 500,000

Travel, 12,500/yr x 4 years = 50,000

Office Equipment (laptop docking station, furniture, etc.) = 4,000

Cell phone = 375/yr x 4 years = 1,500

Vehicle = 30,000

Permanent Change of Station = \$125,000

**Contributing Partners**

Fully funded by DHS from the \$50 million dollars for mitigation for 4 years.

**Comments**

Monitors the status of project planning (e.g., NEPA compliance, section 7 consultations, cultural resource clearances, realty transaction processes).

Facilitates the development of a process, together with the responsible parties, for meeting time lines throughout planning, implementation and completion of mitigation projects.

~~Monitors the status of project implementation; anticipates problems and works to correct them.~~

~~Prepares 6 month, annual and tri-annual progress reports on the status of mitigation projects.~~

Assists Region 2 and Region 8 Ecological Services Field Offices, and other DOI field units with the development of contracts and agreements. Ensures documentation is in compliance with various procurement practices and amends agreements/contracts as needed. Tracks contracts/grants/agreements through the Regional process and through the recipient process (e.g., DOI, State agencies, etc).

Maintains a high level of cooperation and coordination amongst Region 2 and Region 8 Ecological Services Field Offices; the Washington DC, Fish and Wildlife Service Office; the Department of the Interior's (DOI) Interagency Borderlands Coordinator; DOI Sector Leaders, other DOI bureaus; and other Regional Office Divisions with implementation responsibilities. Coordinates with the appropriate Department of Homeland Security (DHS) and Border Patrol Offices and SBI environmental division in DC, as appropriate. Ensures coordination with State agencies, relevant Tribes, and Federal land-management agencies.

Coordinates the Regional processes for prioritization of mitigation projects and all aspects of mitigation implementation for projects included in the Memorandum of Agreement and Letter of Commitment with Customs and Border Protection Measures (DOI-CBP MOA/LOC) - Mitigation.

Assists the field offices in the development of conservation guidance for CBP and works cooperatively with CBP to implement conservation principles for listed species and other natural and cultural resources. Ensures the consistency of a conservation approach across the Southwest border.

Participates in site visits and develops site specific recommendations for mitigation and conservation.

Performs other duties as assigned.

**Department of the Interior  
PF-225 and VF-300 Mitigation Measure  
Project Description Worksheet**

**General Information**

**Project Title:** Implement jaguar, bat, and soil stabilization conservation measures in the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416.

**Project Manager:** Susan Sferra, , 602-242-0524 ext 208, [susan\\_sferra@fws.gov](mailto:susan_sferra@fws.gov)

**Sponsoring Bureau:** U.S. Fish and Wildlife Service, Arizona Ecological Services Office, Phoenix

**Project Location:** Pima, Santa Cruz, and Cochise Counties, Arizona.

**Congressional District:** District 7, Raul Grijalva  
District 8, Gabrielle Giffords

**Total Estimated Cost:** \$2,119,000

- A. DOI may initiate implementation of all conservation actions specified under this Project Description Worksheet, except no funds provided under this Agreement or any other interagency agreement between the Parties may be used to fund conservation actions outside the United States without express, written authorization from CBP.**

**Description**

**Project description:** The purpose of the work described below is to implement conservation measures, as formally agreed upon between Customs and Border Protection (CBP) and the U.S. Fish and Wildlife Service in the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416, August 2007, for PF-70 in fence segments D-4, D5A, E2B, E3, and F1, Arizona. The purpose of these agreed-upon conservation measures is to offset adverse effects to the jaguar and lesser long-nosed bat, and stabilize soil, as follows: 1) survey, monitor, conserve, and recover jaguars and their habitat, 2) replace lost agaves at 2:1 ratio to compensate for mortality rate of transplanted agaves, and 3) stabilize and revegetate disturbed soils by planting and/or hydroseeding/mulching.

**1. Survey, monitoring, conservation, and recovery of jaguars and their habitat.**

*Excerpt from the Biological Opinion: "CBP will support USFWS in jaguar survey and monitoring efforts and conservation and recovery measures. Survey and monitoring methods and conservation and recovery measures will be developed through coordination with USFWS, Arizona Game and Fish Department, and the Tohono O'odham Nation within four months following the release of the Biological Opinion. Details and schedules regarding those methods and measures will be identified by the end of the four months. Monitoring of jaguars may include a combination of satellite telemetry and camera survey techniques. Multiple techniques may be used to monitor jaguar habitat; however, one component of monitoring would likely include an*

*assessment of indirect effects to jaguar movements and habitat from border traffic in areas where no fence is installed."*

Survey and monitoring, management of jaguar habitat, outreach/education, landowner incentives, and conservation plan development within the northern jaguar range. (\$2,035,000). We will coordinate the implementation of this project with our partners and share study results with them. Where appropriate, reports and papers resulting from these projects will be peer reviewed. All projects need to be evaluated every year for compliance and direction and, if needed, changes will be made. A comprehensive review of the projects and program will be conducted periodically in accordance with the Interagency Agreement, e.g. mid-year, annual and tri-annual reports.

The objectives and budgets for jaguar conservation are provided in the table below. Projects will be conducted by third parties. Each project request for proposals will instruct applicants to propose the amount of work they can conduct with the budget provided.

The draft jaguar Survey and Monitoring budget provided in the table below is what it would cost if the government conducted the work. However, when competed, we expect a third party to be able to conduct the work for as many as five years of monitoring. Third party organizations may already possess the necessary equipment and employ less expensive personnel.

## 2. Lesser long-nosed Bat Foraging Plant Replacement

Excerpt from the Biological Opinion: *"CBP/OBP will attempt to avoid disturbance to agave and other plant species that are used by lesser long-nosed bats for forage, to the extent practicable. Such specimens will be avoided, salvaged, or replaced at a ratio of 2:1 from local nursery stock."*

Prepare bat foraging plant replacement plan. Replace lost agaves at 2:1 ratio to compensate for mortality rate of transplanted agaves. Grow, plant, monitor, and water agaves using local stock. Determine survival rate after five years (\$75,000).

## 3. Stabilization and Revegetation of Disturbed Soils

Excerpt from the Biological Opinion: *"Any temporarily disturbed soils would be stabilized and revegetated with native species, including cottonwood and willow saplings at washes and arroyos, to provide erosion and sedimentation control. Disturbed areas would also be sprayed with a hydroseed mixture to establish an herbaceous cover more rapidly."*

Prepare restoration plan, prepare site, and hydroseed 10 acres of disturbed areas. The budget FWS originally proposed, \$9,000, is insufficient to complete the work. See Project Itemized Budget and comments below.

**Estimated Start Date:** 2010. Dependent on the following steps: 1) transfer of funds to USFWS, 2) completion of requests for proposals for contract work or sole source contract scopes of work, 3) date contracts are awarded or interagency agreements are completed. This process may take one year from the date funds are received by USFWS for preparation, review, and award of all contracts or agreements.

**Projected Finish Date:** Up to four years from start date of project. This will allow up to one year to get the jaguar project up and running, three years for camera monitoring, and up to one year to analyze data and write reports.

**Corresponding Unique ID Numbers**

AZ001

**Project Itemized Budget**

**1. Survey, monitoring, conservation, and recovery of jaguars and their habitat**

CATEGORY	DESCRIPTION	COST ESTIMATE
<b>a. Jaguar Surveys and Monitoring</b>		
	Provide funds to a third party to survey and monitor jaguars for 4 years primarily using remote cameras within the northern jaguar range. Other techniques such as scat and track transects may be used in conjunction with remote camera monitoring. Surveys will be conducted: 1) at the U.S./Mexico international border where jaguars are most likely to cross; 2) along potential, historic, and known jaguar travel corridors within the northern jaguar range; and 3) other areas as appropriate.	
Capital (one-time purchase)	100 digital camera traps (brands vary greatly in cost and quality), compact flash cards, cable and lock set for cameras, signs for cameras, misc. hardware for cameras, 1 cordless drill, 3 GPS units, topo maps, 2 laptop computers, software, printer, 1 used truck, satellite phone, radios camping gear	\$122,000
Personnel (annual)	Full time project coordinator, 1 field assistant GS 11-5 @ \$63,930 + GS-9-5 @ \$52,841 = \$116,771 0.33% benefits = \$38,534	\$189,472
Per diem (annual)		\$12,200
Transportation expenses (annual)	Insurance and mileage for 1 truck	\$12,200
Miscellaneous (annual)	Batteries, shipping & postage, camera repairs, office supplies, field supplies, lab costs for	\$11,590

CATEGORY	DESCRIPTION	COST ESTIMATE
	DNA analysis, postage/transport for scat, phone	
<b>TOTAL FOR YEAR 1</b>		<b>\$335,872</b>
Annual rate Years 2 and 3		\$225,462
<b>GRAND TOTAL FOR 3 YEARS (MINIMUM FOR STUDY)</b>		<b>\$800,000</b>

<b>b. Jaguar Conservation</b>		
1. Land stewardship endowment to protect habitat, jaguars, and prey	Tasks include development and implementation of management plans. On-the-ground activities may include fencing to protect resources, habitat restoration, and routine patrolling.	\$500,000
2. Outreach/education	<p>Provide funds to a third party to work with ranchers, government, and communities to:</p> <ul style="list-style-type: none"> <li>collect information on jaguar sightings;</li> <li>develop infrastructure for reporting jaguars, which may lead to increased conservation of jaguar and prey;</li> <li>develop jaguar conservation training and capacity building where -jaguar knowledge is lacking;</li> <li>conduct school programs focused on the importance of jaguar conservation for children;</li> <li>develop radio programs on jaguar conservation;</li> <li>develop slideshows and education programs on the importance of jaguar conservation.</li> </ul> <p>\$50,000 x 4 years</p>	\$200,000

3. Landowner assistance and incentives	Provide funds to a third party for assistance and incentives to landowners who agree to protect jaguars on lands occupied by jaguars, including providing technical assistance, on-the-ground habitat improvements (i.e., isolating a water source for livestock, fencing, gating, etc.), and other incentives as appropriate. Funding will support full-time personnel to construct water sources for livestock, fencing, gating, etc.	
Salary	2 specialists x 4 yrs \$16,250/yr x 2 x 4 yrs = \$130,000	\$130,000
Per diem	2 specialists x 4 yrs \$6,250/yr x 2 specialists x 4 yrs = \$50,000	\$50,000
Vehicle	Purchase used vehicle or contribute toward use of vehicle	\$15,000
	Gas and maintenance for 5 yrs \$10,000 x 4 yrs	\$40,000
Supplies	\$12,500 x 4 yrs	\$50,000
<b>TOTAL</b>		<b>\$285,000</b>
4. Conservation Planning	Provide funds to a third party for northern jaguar conservation planning efforts to identify a) suitable habitat, corridors, and population goals for jaguars in the northern portion of their range; b) habitat protection and improvement needs, c) management planning needed to ensure the survival and recovery of the northern jaguar. This effort may build on 1.a and 1.b.1 - 1.b.3 above. These products will be used in development of the jaguar recovery plan.	\$250,000
<b>TOTAL</b>		<b>\$1,235,000</b>
<b>GRAND TOTAL</b>		<b>\$2,035,000</b>

**2. Lesser long-nosed Bat Foraging Plant Replacement**

CATEGORY	DESCRIPTION	COST ESTIMATE
<u>2. Lesser long-nosed Bat Foraging Plant Replacement</u>	<p>Prepare bat foraging plant replacement plan. Replace lost agaves at 2:1 ratio in the 215 acre area of disturbance to compensate for mortality rate of transplanted agaves. Plant, monitor, and water agaves using local stock.</p> <p>The total cost will depend on the number of agaves that need to be replaced. We will need the estimate of the number of agaves removed and transplanted. If no estimate is available, we propose planting 50 agaves per acre on 5 acres. This cost estimate includes no allowance for replanting if agaves die after 2 years.</p> <p>Prepare plant replacement plan and prepare for planting = \$7,700</p> <p>Planting  \$10/plant = plant and planting cost  \$10/plant x 50 plants/ac x 5 ac = \$2,500</p> <p>Watering  \$900/day for 2-person water truck (one driver and one person to hand water plants)  Water every two weeks in yr 1, except for 3 months during monsoon season:  \$900/day/5 ac x 20 trips/yr 1 = \$18,000/5 ac/yr 1  Water every two weeks for 8 months in yr 2, except for 3 months during monsoon season:  \$900/day/5 ac x 16 trips/yr 2 = \$14,400/5 ac/yr 2  \$32,400/5 ac x 2 = \$64,800</p>	<p></p> <p></p> <p>\$7,700</p> <p></p> <p>\$2,500</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p>\$64,800</p>
<b><u>TOTAL</u></b>		<b>\$75,000</b>

**3. Stabilization and Revegetation of Disturbed Soils**

<b>CATEGORY</b>	<b>DESCRIPTION</b>	<b>COST ESTIMATE</b>
<b><u>3. Stabilization and Revegetation of Disturbed Soils</u></b>	<p>Conduct reconnaissance of project to determine where stabilization of disturbed soils is needed. Prepare restoration plan, prepare sites, and hydroseed 10 acres of disturbed soils. Stabilization needs may be more or less than 10 acres.</p> <p>\$3,150/acre to apply local native seed mix. Apply prior to rainy season.</p> <p>\$3,150/ac x 10 acres = \$31,500            Prepare restoration plan = \$2,000            Site preparation = \$10,000</p> <p>Costs may vary depending on how much site preparation is needed, how many sites there are, how far apart sites are from each other, and how far sites are from a source of water. This cost estimate includes no allowance for reapplication if plants do not survive.</p>	<p>\$31,500            \$2,000            \$10,000</p>
<b>TOTAL</b>	<b>The budget FWS originally proposed, \$9,000, is insufficient to complete the work.</b>	<b>\$43,500</b>

**Contributing Partners**

None at this time, however we anticipate building on previous monitoring and conservation work conducted by the Arizona Game and Fish Department, Borderland Jaguar Detection Project, Northern Jaguar Project, Sky Island Alliance, and Naturalia. One or more of these partners is likely to conduct the work, pending the outcome of contract award.

**Department of the Interior**  
**PF-225 and VF-300 Mitigation Measure**  
**Project Description Worksheet**

**General Information**

**Project Title:** Implement Sonoran pronghorn and lesser long-nosed bat conservation measures in Biological Opinion 22410-2008-F-0011, Organ Pipe Cactus National Monument, Arizona.

**Project Manager:** Sue Rutman, telephone 520-387-6849 ext 7115, [sue\\_rutman@nps.gov](mailto:sue_rutman@nps.gov)

**Sponsoring Bureau:** Department of the Interior, National Park Service, Organ Pipe Cactus National Monument.

**Project Location:** Pima County, Arizona

**Congressional District:** 7

**Total Estimated Cost:** \$980,000

**Description**

**Project description:** The purpose of the work described below is to implement conservation measures, as formally agreed upon between Customs and Border Protection (CBP) and the U.S. Fish and Wildlife Service in the February 11, 2008, Biological Opinion 22410-2008-F-0011(BO) for the pedestrian fence and associated infrastructure along the U.S. border on Organ Pipe Cactus National Monument (OPCNM) near Lukeville, Arizona. The purpose of these agreed-upon conservation measures is to offset adverse effects to the endangered Sonoran pronghorn (*Antilocapra americana sonoriensis*) and lesser long-nosed bats (*Leptonycteris curasoae yerbabuena*) from the pedestrian fence project on OPCNM.

The conservation measures specific to the Sonoran pronghorn and lesser long-nosed bat in the description of the proposed action of the final BO require CBP to provide to OPCNM \$955,000 to restore 84 acres and to monitor invasive species in the project area (Item #1). Additionally, the BO requires CBP to provide \$25,000 to OPCNM to fill a Sonoran pronghorn water source for ten years (Item #2).

**Item #1: Restoration of damaged lands and invasive species management**

Funding will support a vendor and a term GS-9 botanist to carry out restoration actions as described in the restoration plan. The botanist will as project facilitator and perform tasks such as collecting seed, raising plants in the OPCNM nursery, assisting with field work, including monitoring and removing invasive species in pedestrian fence project area. The contractor will be responsible for hiring qualified workers and carrying out the actions stipulated in annual work plans. Over the course of 3-4 years, 84 acres of disturbed land will be restored and protected from further disturbance. In addition, invasive species will be managed in the pedestrian fence construction zone.

A general restoration plan was finalized and accepted by the DHS in December 2008. The general plan describes restoration priorities and methods in general terms but does not identify specific sites that will be restored in any given year. Each year, an annual work plan

will be developed that will identify specific work sites and restoration techniques. Year-to-year differences in the annual scope of work will result in costs that vary from year to year. Each item in the budget (below) is an estimated cost averaged over three years.

Our plan is to complete task item 1 in 3 years. However, the currently unsafe conditions on the borderlands may prevent us from working in the areas where most restoration work is needed. Delays will also occur if unauthorized vehicle traffic continues to occur on sites selected for restoration.

Environmental compliance will be completed for each annual work plan. Sites identified in annual work plans will be surveyed for cultural resources. Restoration work will be designed so that all cultural resource sites that are eligible for listing on the National Register will be avoided. Avoiding cultural resource sites will permit the use of categorical exclusions under NEPA, thus minimizing project delays due to environmental compliance requirements.

**Item #2: Sonoran pronghorn water**

Funding will be used to establish and maintain an emergency water source for Sonoran pronghorn of at least 500 gallons, at a cost of \$2,500 per year for 10 years. The project will be done cooperatively with the Arizona Game and Fish Department.

**Estimated Start Date:** Work items #1 & 2: FY2010

**Projected Finish Date:** Work item #1: FY2013; Work item #2: FY2010

**Corresponding Unique ID Number: AZ002**

**Project Itemized Budget**

	<u>Estimated Amount</u>
Work item #1: Total = \$955,000	
NPS botanist, GS-9 (term), \$70,000/yr for 3 years	\$210,000
Planning & mobilization	\$ 15,000
Seed collecting & propagation	\$ 45,000
Site restoration/revegetation	\$340,000
[including road decompaction, recontouring, erosion control, seeding, planting]	
Invasive species control	\$190,000
Compliance, including cultural resource surveys	\$ 52,000
Monitoring & reporting	\$103,000
 Work item #2: Total = \$25,000	
Establish and maintain an emergency water source	
for Sonoran pronghorn of at least 500 gallons, \$2,500/yr	\$ 25,000

**Contributing Partners**

The NPS will be contributing \$163,000 in overhead costs for work item 1 and \$4,000 in overhead costs for work item 2.

**Comments**

We have requested but have not received overhead costs (see Contributing Partners)

**Department of the Interior  
PF-225 and VF-300 Mitigation Measure  
Project Description Worksheet**

**General Information**

**Project Title:** San Bernardino Valley Mitigation

**Project Manager:** Bill Radke, Refuge Manager, 520-364-2104, [bill\\_radke@fws.gov](mailto:bill_radke@fws.gov), and Susan Sferra, 602-242-0524 ext 208, [susan\\_sferra@fws.gov](mailto:susan_sferra@fws.gov),

**Sponsoring Bureau:** US Fish & Wildlife Service, Arizona Ecological Services Field Office and San Bernardino National Wildlife Refuge

**Project Location:** Cochise County

**Congressional District:** District 8, Gabrielle Giffords

**Total Estimated Cost:** \$657,480

**Description**

**Project description:** Mitigation for construction impacts: temporary impact area restoration, wetland mitigation; erosion control on San Bernardino National Wildlife Refuge and other lands east of Douglas. Black Draw, Hay Hollow, and Silver Creek were adversely impacted by construction of temporary roads with inadequate culverts and drainage that caused erosion in the streambed. Most of the 16 miles of road built as part of FV-1b has inadequate drainage and erosion has been documented. See March and June 2009 interagency "as-built" field trip notes.

Effects Analysis:

1. Restore and revegetate 49.7 acres of temporary impact areas to be completed as part of Best Management Practices (\$44,730). Construction debris "mulch" previously deposited on staging areas needs to be removed to allow seeds to germinate. Reapply hydroseed.
2. Restore 1.08 acres of the wetlands (\$54,000) to offset wetland impacts from fence segment FV-1b throughout the San Bernadino Valley.
3. Construct Rio San Bernardino rock and wire erosion control gabions to help slow flood water flow, capture transported sediment, and reduce scouring erosion (\$275,000). These gabions will mitigate impacts to riparian habitat that has occurred as a result of new road construction through a formerly roadless area, inadequate road drainage, and damage to Black Draw and Hay Hollow from temporary road construction and debris deposit. This project will mitigate for adverse effects to listed Yaqui fishes and the Huachuca water umbel.

4. Control erosion and sedimentation currently occurring in segment FV-1b to improve and restore aquatic/riparian habitat for Rio Yaqui fishes by working with private, state, federal, and non-governmental organizations. Install water bars and fix erosion damage that has already occurred. Note that this is a different area than where the gabions are proposed for the Rio San Bernardino (\$258,750.00 plus \$25,000 for NEPA and ESA compliance).

#### Mitigation Justification

These projects will address impacts that resulted from construction of fence and access roads in the vicinity of San Bernardino National Wildlife Refuge. DHS project impacts to seasonal and perennial stream crossings, historical wetlands, and opening up public accessible roadways through previously roadless areas throughout the San Bernardino Valley would be addressed. Impacts have created opportunities for exotic aquatic species invasion, exotic plant invasion, removed connections among populations of T&E species, degrading metapopulation structure, encouraged severe erosion to wetlands and uplands, and created opportunities for public access into areas that conflict with endangered species recovery and protection and will perpetuate potential "take" issues. Among other conditions, the Rio Yaqui fishes recovery plan (USFWS 1994) recommends the following conditions before downlisting can be considered: secure and protect the San Bernardino aquifer so that all artesian flows maintain themselves year round, and protect critical habitat from detrimental human disturbance including introduction of non-native fishes and water diversions.

Federally listed and sensitive Yaqui fishes have been adversely affected by fence and road construction. These species include the federally listed (beautiful shiner (*Cyprinella formosa*), Yaqui chub (*Gila purpurea*), Yaqui topminnow (*Poeciliopsis occidentalis sonoriensis*), and Yaqui catfish (*Ictalurus pricei*); and sensitive longfin dace (Yaqui form) (*Agosia chrysogaster*), Mexican stoneroller (*Campostoma ornatum*), roundtail chub (Yaqui form) (*Gila robusta*), and Yaqui sucker (*Catostomus bernardini*).

Unpaved roads, disturbed soils, and lack of erosion control lead to soil erosion and sedimentation problems that affect water quality if transported to aquatic/riparian habitats. Increased sedimentation damages aquatic habitats by covering spawning sites, destroying benthic food sources, and reducing water clarity. Fine sediments reduce availability of oxygen to eggs and increase embryo mortality. Fine sediments also cover and clog the gills of fish and other organisms with gills, making breathing difficult. Input of additional sediments can also lead to stream aggradation.

Additional effects analysis provided here:

Erosion and sediment control inadequate on FV-1b. See interagency "as-built" field trip summary from March and June, 2009. These field trips documented lack of water bars and other drainage needs, and the need for erosion repair.

Environmental Stewardship Plan (ESP), p. 2-29: "In general, the drainage of the impact corridor flows to the south into Mexico, draining 421 square miles within the United States (ADWR undated b)...This refuge was established in 1982 to protect water resources and provide habitat

for endangered fish (ADWR undated a)." The border road with inadequate drainage structures inhibits and redirects the natural drainage of this 421 square mile basin

ESP, page 3-16, regarding effects on the Refuge states "...long-term, adverse, indirect impacts may occur due to an increase in pedestrian traffic in the project area, the potential magnitude of which is unknown."

Environmental Stewardship Plan (ESP), page 3-37, states "Based on the acres impacted, a wetlands mitigation and restoration plan will be developed to compensate for unavoidable impacts on wetlands and washes within the project areas." To DOI's knowledge, these plans have not been prepared.

ESP, page 3-31, states "Minor adverse impacts on the hydrology of the Black Draw will be expected to occur as a result of grading and contouring in the impact corridor...Therefore, the effects will be negligible." As documented by refuge personnel, effects were not negligible and should be mitigated.

ESP-page 3-41, "Increased siltation from runoff during storm events and accidental spills could also affect the vegetation. There will also be potential long-term impacts including increased erosion, introduction or spread of non-native plant species, and potential soil compaction to the rooting zones."

ESP, page 3-52, "The fence design does not affect the natural flow of the Yaqui River drainage into Mexico." The border road with inadequate drainage structures inhibits and redirects the natural drainage of this 421 square mile basin and carries loose sediment from the road erosion.

ESP, page 1-5: "Permanent loss of 157.1 acres of vegetation communities, due to construction of tactical infrastructure." Temporary habitat loss of 49.7 acres also occurred during construction of a staging area.

ESP inconsistent in # acres impacted, page 3-41: "A total of 208.8 acres of vegetation is expected to be removed."

In Summary: Project FV-1b resulted in permanent loss of 16 miles x at least 60 ft wide roadbed (>116 acres); but also damage to riparian resources and associated listed fish species (Yaqui topminnow, Yaqui chub, Yaqui catfish, beautiful shiner) and Huachuca water umbel in Black Draw, Hay Hollow, and Silver Creek on San Bernardino NWR. Drainage and erosion into 38 ephemeral wash channels and two vegetated wetlands throughout the San Bernadino Valley not only will result in damage within the 150-foot corridor associated with the fence alignments, but also beyond the 150-foot corridor where erosion continues downslope. Within the 150-foot corridor, the ESP, page 3-37, determined there are 0.36 acres of vegetated wetlands and 11.89 acres of washes.

The vehicle fence traverses three miles of the SBNWR, and a 10,000 square foot staging area was constructed on the refuge. Snail Spring is now cut off from the springsnail population in Mexico by interruption of flow from road and fence.

**Estimated Start Date: 2009**  
**Projected Finish Date: 2010**

**Corresponding Unique ID Numbers**  
 AZ003a

**Project Itemized Budget**

<b>Task</b>	<b>Cost</b>
1. 49.7 acres temporary impact restoration	\$900/acre x 49.7 acres = \$44,730
2. San Bernardino Wetland restoration (3:1 mitigation ratio)	\$50,000/wetland acre x 1.08 acres = \$54,000
3. Multiple Hay Hollow Wash erosion control gabions, multiple Black Draw erosion control gabions	\$275,000
4. Control erosion/improve fish habitat	258,750. + \$25,000 EA/BA
<b>Total</b>	<b>\$657,480</b>

**Contributing Partners**

San Bernardino National Wildlife Refuge, BLM

**Comments**

These projects are included in the mitigation table, because they are high priority time-sensitive projects. If funding is available outside the \$50 million mitigation fund and work can be accomplished in FY 2010, they can be removed from the list.

**Literature Cited**

U.S. Fish and Wildlife Service. 1995. Fishes of the Rio Yaqui Recovery Plan. USDI, U.S. Fish and Wildlife Service. Albuquerque, New Mexico.

**Department of the Interior**  
**PF-225 and VF-300 Mitigation Measure**  
**Project Description Worksheet**

**General Information**

**Project Title:** Rio Yaqui Fish Studies

**Project Manager:** Bill Radke, Refuge Manager, 520-364-2104, [bill\\_radke@fws.gov](mailto:bill_radke@fws.gov), and Susan Sferra, 602-242-0524, ext 208, [susan\\_sferra@fws.gov](mailto:susan_sferra@fws.gov)

**Sponsoring Bureau:** US Fish & Wildlife Service, Arizona Ecological Services Office and San Bernardino National Wildlife Refuge

**Project Location:** Cochise County

**Congressional District:** District 8, Gabrielle Giffords

**Total Estimated Cost:** \$441,250,

**Description**

**Project description:** Mitigation for Effects to Federally Listed Species.

1. Inventory/monitor Rio Yaqui fishes and their habitats to assess population status and impacts (\$86,250). Federally listed and sensitive Yaqui fishes have been adversely affected by fence and road construction. These species include the listed (beautiful shiner (*Cyprinella formosa*), Yaqui chub (*Gila purpurea*), Yaqui topminnow (*Poeciliopsis occidentalis sonoriensis*), and Yaqui catfish (*Ictalurus pricei*); as well as the following sensitive species: longfin dace (Yaqui form) (*Agosia chrysogaster*), Mexican stoneroller (*Campostoma ornatum*), roundtail chub (Yaqui form) (*Gila robusta*), and Yaqui sucker (*Catostomus bernardini*).

The project will be accomplished by working with other federal agencies or private landowners. Unpaved roads, disturbed soils, and lack of erosion control lead to soil erosion and sedimentation problems that affect water quality if transported to aquatic/riparian habitats. Increased sedimentation damages aquatic habitats by covering spawning sites, destroying benthic food sources, and reducing water clarity. Fine sediments reduce availability of oxygen to eggs and increase embryo mortality. Fine sediments also cover and clog the gills of fish and other organisms with gills, making breathing difficult. Input of additional sediments also lead to stream aggradation.

2. Drill a shallow well and install solar low-flow pump to ensure permanent water for perpetuation of Snail Spring wetland to benefit Yaqui chub, Yaqui topminnow, and Yaqui catfish, but particularly the San Bernardino Springsnail, of which this site is critical to its survival (\$25,000). Drill a deep well to relieve pressure on use of the shallow aquifer that

currently feeds Snail Spring (\$80,000). The San Bernardino springsnail has been a candidate for emergency listing since 2008 and a proposed rule in the Federal Register is imminent. The Snail Spring population is the only known location in the U.S. The new border road interrupts sheet flow. If the Mexico springsnail population is determined to be the same species, and if the San Bernardino springsnail disappears from Snail Spring, there is zero probability of recolonization from metapopulations in Mexico, and the species will be extirpated from the U.S. Erosion and sedimentation from the border road may also be adversely affecting the springsnail population downstream in Mexico.

3. Install a fish barrier in Black Draw to impede exotic fish downstream from entering the refuge to help offset sedimentation and adverse affect to the Yaqui fish assemblage (\$250,000). The need for a fish barrier is documented in the ESP on page 4-60 to "impede fish from downstream from entering the refuge."

Effects Analysis:

*Presented in the ESP*

The Environmental Stewardship Plan (ESP), page 3-31, states "Minor adverse impacts on the hydrology of the Black Draw will be expected to occur as a result of grading and contouring in the impact corridor...Therefore, the effects will be negligible." As documented by refuge personnel, effects were not negligible.

ESP, p. 2-29: "In general, the drainage of the impact corridor flows to the south into Mexico, draining 421 square miles within the United States (ADWR undated b)...This refuge was established in 1982 to protect water resources and provide habitat for endangered fish (ADWR undated a)." The border road with inadequate drainage structures inhibits and redirects the natural drainage of this 421 square mile basin

ESP, page 3-16, regarding effects on the Refuge states "...long-term, adverse, indirect impacts may occur due to an increase in pedestrian traffic in the project area, the potential magnitude of which is unknown."

ESP, page 3-37, states "Based on the acres impacted, a wetlands mitigation and restoration plan will be developed to compensate for unavoidable impacts on wetlands and washes within the project areas." To our DOI's knowledge, these plans have not been prepared.

ESP, page 3-31, states "Minor adverse impacts on the hydrology of the Black Draw will be expected to occur as a result of grading and contouring in the impact corridor...Therefore, the effects will be negligible." As documented by refuge personnel, effects were not negligible and should be mitigated.

ESP-page 3-41, "Increased siltation from runoff during storm events and accidental spills could also affect the vegetation. There will also be potential long-term impacts including increased erosion, introduction or spread of non-native plant species, and potential soil compaction to the rooting zones."

ESP, page 3-52, "The fence design does not affect the natural flow of the Yaqui River drainage into Mexico." The border road with inadequate drainage structures inhibits and redirects the natural drainage of this 421 square mile basin and carries loose sediment from the road erosion.

ESP, page 1-5: "Permanent loss of 157.1 acres of vegetation communities, due to construction of tactical infrastructure." Additionally, temporary loss of 49.7 acres of habitat occurred during construction of a staging area. However, the ESP is inconsistent in number of acres impacted, page 3-41: "A total of 208.8 acres of vegetation is expected to be removed." Whereas  $157.1 + 49.7 = 206.8$ .

### *Field Visits*

Erosion and sediment control is inadequate on FV-1b. See interagency "as-built" field trip summary from March and June, 2009. These field trips documented lack of water bars and other drainage needs, and the need for erosion repair.

### Mitigation Justification

The DHS project adversely affects seasonal and perennial stream crossings and opens up public accessible roadways through previously roadless areas in the San Bernardino Valley. Impacts have created opportunities for exotic aquatic animal and plant species invasion, removed connections among populations of T&E species, thus degrading metapopulation structure, encouraged severe erosion to wetlands and uplands, and created opportunities for public access into areas that conflict with endangered species recovery and protection. Among other conditions, the Rio Yaqui fishes recovery plan (U.S. Fish and Wildlife Service 1994) recommends the following conditions before downlisting can be considered: secure and protect the San Bernardino aquifer so that all artesian flows maintain themselves year round, and protect critical habitat from detrimental human disturbance including introduction of non-native fishes and water diversions.

In conclusion, this mitigation project offsets damage to desert scrub and riparian habitat by minimizing erosion, improving stream crossings and drainage, restoring frog ponds, improving water supply, and preventing exotic species from moving upstream into Black Draw, all of which will benefit listed fish, frogs, and plants.

**Estimated Start Date: 2010**

**Projected Finish Date: 2013**

### Corresponding Unique ID Numbers

AZ003b

**Project Itemized Budget**

<b>Task</b>	<b>Cost</b>
1. Inventory Rio Yaqui fish assemblage and impacts	\$86,250
2. Drill wells and install solar pump	Drill shallow well, install solar low flow pump - \$25,000 Drill deep well - <del>\$80,000</del> \$105,000
3. Install fish barrier	\$250,000
<b>Total</b>	<b>\$441,250</b>

**Contributing Partners**

San Bernardino National Wildlife Refuge, private

**Comments**

This project mitigates for impacts across San Bernardino Valley, spanning San Bernardino National Wildlife Refuge, BLM, state, and private lands.

**Literature Cited**

U.S. Fish and Wildlife Service. 1995. Fishes of the Rio Yaqui Recovery Plan. USDI, U.S. Fish and Wildlife Service. Albuquerque, New Mexico.

**Department of the Interior  
PF-225 and VF-300 Mitigation Measure  
Project Description Worksheet**

**General Information**

**Project Title:** Peninsular Bighorn Sheep Study

**Project Manager:** Guy Wagner, 760-635-1220 ext 371, guy\_wagner@fws.gov

**Sponsoring Bureau:** Department of the Interior – U.S. Fish and Wildlife Service, Carlsbad Ecological Services Office

**Project Location:** Jacumba Mountains, San Diego and Imperial Counties, California

**Congressional District:** District 53, Representative Bob Filner

**Total Estimated Cost:** \$230,000

**Description**

**Project description:** The rugged slopes of the Jacumba Mountains are inhabited by the federally endangered Peninsular bighorn sheep (*Ovis canadensis nelsoni*). This narrow, north-south oriented, mountain range crosses the International Border at the San Diego County and Imperial County lines. The Peninsular Ranges, of which the Jacumba Mountains are a part, extend nearly the entire length of the Baja Peninsula and into the U. S. to just north of Palm Springs, California. Desert bighorn sheep populations are found along the steep, east-facing desert slopes on both sides of the border. A portion of the mountain range between U.S. Interstate 8 and the International Border is designated a Wilderness Area on Bureau of Land Management lands. It is a remote area with little public access or use. Approximately 83 animals were estimated to occur in the Jacumba Mountains, with 20 adults inhabiting the area south of I-8 (Weaver 1972). A chronic lack of funding and resources over the years prevented more frequent surveys from being conducted. Consequently, no recent aerial surveys were completed prior to project completion. The population apparently declined for a time, but recently bighorns have definitely re-colonized the I-8 Island, and sightings and evidence of bighorn sheep indicate increasing use of areas south of the Interstate. The International Border is well within the usual ranging distances of bighorn sheep, and peer-reviewed habitat modeling efforts classified the I-8 Island and areas south of the Interstate as important bighorn sheep habitat (Rubin *et al.* 2009). Construction of pedestrian fence (PV-1 style) along the west flanks and vehicle fence (b) (7)(E) style) on the east flanks of the Jacumba Mountains, associated roads, and human activity are expected to modify movement and behavior of bighorn and indirectly impact the primary habitat area adjacent to the fence segments. Peninsular bighorn sheep in the U. S. are separated from other bighorn sheep by human developments on the north and east, and by dense chaparral vegetation on the west. Maintaining a potential connection with populations of Peninsular bighorn sheep living in Mexico represents the only option to prevent a complete and permanent isolation of the endangered segment in California. Additionally, to meet recovery goals, bighorn sheep will need to re-colonize and occupy vacant, but suitable habitat.

**Effects Analysis:** Bighorn sheep are often reclusive and easily disturbed by humans. Human activities may result in sheep avoiding areas of otherwise suitable habitat. Concentrated human

activity along the border in bighorn sheep habitat may result in severing this species connectivity with populations to the south. It is a tenet of modern conservation biology to preserve habitat connectivity and discourage habitat fragmentation. Populations have a higher probability of surviving long-term when connected to other populations. A group of interconnected subpopulations gains many of the survival benefits characteristic of larger populations. Increased activities in the Jacumba Mountains may impede or prevent bighorn sheep use of the area. Bighorn sheep may be especially sensitive to helicopter use (Bleich *et al.* 1990), and roads and pedestrian traffic may prevent or impede normal movement patterns (Rubin *et al.* 1998, Papouchis *et al.* 2001).

Data on movement patterns and demographics will aid in assessing the effects of fence construction and alignment, and human activity, on bighorn movements and behaviors. To obtain this type of information, GPS-equipped collars would be affixed to bighorn sheep in the study area and programmed to collect data at pre-determined intervals. The data can be retrieved remotely or when the animal is recaptured. In addition to acquiring point locations, the radio-collars allow more accurate population estimates to be obtained during biennial aerial surveys. The radio collars allow biologists to accurately adjust for the number of animals missed during a flight. Bighorn sheep currently occupy the I-8 Island and areas to the north, and they are regularly observed crossing the east-bound lanes of Interstate 8. Bighorn sightings and survey results indicate an expanding bighorn population along the border that is occurring at a time of increased human activity. It will be important to monitor the distribution and abundance of these endangered animals.

#### Literature Cited

- Bleich, V. C., R. T. Bowyer, A. M. Pauli, R. L. Vernoy, and R. W. Anthes. 1990. Responses of mountain sheep to helicopter surveys. *California Fish and Game* 76(4):197-204.
- Rubin, E. S., W. M. Boyce, M. C. Jorgensen, S. G. Torres, C.L. Hayes, C. S. O'Brien, and D. A. Jessup. 1998. Distribution and abundance of bighorn sheep in the Peninsular Ranges, California. *Wildlife Society Bulletin*. 26:539-551.
- Rubin, E. S., C. J. Stermer, W. M. Boyce, S. G. Torres. 2009. Assessment of predictive habitat models for bighorn sheep in California's Peninsular Ranges. *Journal of Wildlife Management* 73:859-869.
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**Estimated Start Date:** 2010

**Projected Finish Date:** 2013

#### Corresponding Unique ID Numbers

CA001

**Project Itemized Budget**

Activity/Equipment	Helicopter Hours	Cost per Rotor Hour	Equipment Needs	Equipment Cost	SUB-TOTAL	TOTAL
<b>Sheep Capture</b>	10 Hours per Capture	\$1000 per Hour				<b>\$50,000.00</b>
<b>GPS Radio-Collars</b>			8 Collars	\$3600 per collar	\$28,800	
<b>GPS Collar Drop-Off</b>			8 Drop-Offs	\$300 per collar	\$2,400	
<b>GPS Download Link</b>			1 Download Link	\$400	\$400	
<b>GPS Command Unit</b>			1 Command Unit	\$4,000	\$4,000	
<b>Shipping</b>				\$350	\$350	<b>\$35,950</b>
<b>GPS Radio-Collars</b>			6 Collars	\$3600 per collar	\$21,600	
<b>GPS Collar Drop-Off</b>			6 Drop-Offs	\$300 per collar	\$1,800	
<b>Shipping</b>				\$350	\$350	<b>\$95,000</b>
<b>Aerial Survey</b>	7 Hours per Year	\$1000 per Hour				<b>\$35,000</b>
<b>Aerial Monitoring (fixed-wing aircraft)</b>	24 Hours per Year	\$205 per Hour				<b>\$49,200</b>
<b>Supplies/Cost Increases</b>						<b>\$850</b>

**10 YEAR  
TOTAL  
\$266,000**

**Contributing Partners**

California Department of Fish and Game

**Department of the Interior**  
**PF-225 and VF-300 Mitigation Measure**  
**Project Description Worksheet**

**General Information**

**Project Title:** Coronado National Memorial (NM) Agave Restoration

**Project Manager:** Kym Hall, Superintendent, 520-366-5515, ext 2101, [kym\\_hall@nps.gov](mailto:kym_hall@nps.gov),

**Sponsoring Bureau:** Department of Interior, National Park Service, Coronado National Memorial, 4101 E. Montezuma Canyon Road, Hereford, Arizona

**Project Location:** Cochise County, Arizona

**Congressional District:** District 8, Gabrielle Giffords

**Total Estimated Cost:** \$274,873

**Description**

**Project description:**

**1) Complete agave restoration on a 10 acre staging area (seed collection, nursery grown plants, site preparation and maintenance, watering) as described in Coronado NM Restoration Plan.** Fence and road construction removed over 3,700 agaves, which provided forage for lesser long-nosed bats. The E-2A Biological Resource Plan (BRP) states 1,500 agaves will be salvaged and transplanted to an alternate location within the Coronado National Memorial. However, only 528 agaves were transplanted (Danielle Foster, Coronado National Memorial, pers. comm. Aug. 2009). Coronado NM received seeds from 50 agaves to grow out. Plants are being grown in the Coronado NM nursery from the collected seeds using an appropriate soil mix to allow for optimum root growth. Plants will be grown out and planted at a 2:1 ratio; 2 plants grown for every one plant that was not salvageable. The number of plants needed is 6,344, calculated as follows: 3,700 agaves to be salvaged or removed minus 528 agaves salvaged and transplanted = 3,172 agaves removed x 2 = 6,344 agaves to be grown out and planted from seed. When plants have reached at least 6" diameter, they will be planted. It is estimated that it will take up to one year to achieve sufficient size for planting.

To enhance establishment and survival, Lehmann's lovegrass will need to be controlled at the 10-acre planting site with herbicide. Agaves will be planted every 100 sq ft., and will occur in FY2010. Plants must be planted in either fall or winter and no later than March 31. Coronado NM needs the requested funding to plant, monitor, and tend to the planted agaves that will be placed in the 10 acre staging area. This project follows through on the Coronado NM restoration plan, prepared in cooperation with DHS prior to construction.

**2) Maintain restoration in the 10 acre staging area for five years to protect young agaves from competition.** Plants will be watered during out-planting and then at least every two weeks when sufficient rainfall has not been received (total rainfall per month needs to be at least 1.25 inches). Watering will continue for at least 18 months. Rainfall and watering dates need to be documented. Survival rates need to be at least 75%. Exotic plants need to be controlled at the planting site for at least 18 months to allow the agaves to become established.

Plant survival will be documented at the following intervals: 1 month after planting, 6 months after planting, 12 months after planting, 18 months after planting, and once a year thereafter. If survival falls below 75%, new plants will be grown and planted as needed.

Locations of seed collection and total quantity of seed collected will be recorded. Locations of plantings will be recorded. Natural rainfall and watering logs will be maintained. Survival records of planted material will be maintained.

*Effects Analysis:*

E-2A (5.75 miles of pedestrian fence west of San Pedro River, 0.18 mile vehicle fence from San Pedro River west to pedestrian fence, and 0.31 mile vehicle fence east of pedestrian fence, Cochise County), and 56 acres of permanent disturbance (Biological Resources Plan-Section E-2A-July 2008). Fence and road construction removed over 3,700 agaves, which provided forage for lesser long-nosed bats.

The E-2A BRP states mitigation funds may be used to support telemetry monitoring of foraging bats to determine degree to which roads, fences, and other operations facilities act as barriers or increase habitat fragmentation to provide useful information for determining the effect on bat foraging and movement of future projects.

*Mitigation Justification*

The E-2A Biological Resource Plan (BRP) states 1,500 agaves will be salvaged and transplanted to an alternate location within the Coronado National Memorial. However, only 528 agaves were transplanted (Danielle Foster, Coronado National Memorial, pers. comm. Aug. 2009). Coronado NM received seeds from 50 agaves to grow out) see planting description above). The Compensation Measures identified in the BRP state that using funds from the mitigation pool established by CBP, the FWS may offset permanent direct and indirect impacts on habitat used by lesser long-nosed bats and other species, and FWS may use these monies to fund conservation actions benefiting these species.

**Estimated Start Date:** 2010

**Projected Finish Date:** 2013

**Corresponding Unique ID Numbers**

AZ004

**Project Itemized Budget**

<b>Task</b>	<b>Cost</b>
1) Complete agave restoration on 10 acre staging area (seed collection, nursery grown plants, site preparation and maintenance, watering) as described in Coronado NM Restoration Plan	\$224,873 (estimate from Coronado NM Restoration Plan)
2) maintain restoration in 10 acre staging area to protect young agaves from competition	\$50,000 (\$12,500/year x 4 years )
<b>Total</b>	<b>\$274,873</b>

**Comments**

Coronado National Memorial has conducted years of bat surveys using a standardized protocol at the State of Texas Mine and will continue to contribute some funding toward this effort. DHS will contribute two years of annual bat monitoring at the State of Texas Mine roost site, one of the conservation measures in the 2008 biological opinion on the Tucson West tower project. Results among years will be compared to determine effects and corrective actions will be taken if impacts are detected.

**Literature Cited**

Coronado National Memorial. 2008. Agave Restoration Plan for Coronado National Memorial. Submitted to U.S. Army Corps of Engineers. May 23, 2008. Hereford, Arizona

**Department of the Interior**  
**PF-225 and VF-300 Mitigation Measure**  
**Project Description Worksheet**

**General Information**

**Project Title:** Northern Aplomado Falcon Reintroduction and Habitat Restoration

**Project Manager:** Patricia G. Zenone, Ph.D., 505-761-4718,

[patricia\\_zenone@fws.gov](mailto:patricia_zenone@fws.gov)**Sponsoring Bureau:** Department of Interior, U.S. Fish and Wildlife Service, New Mexico Ecological Services Field Office

**Project Location:** Hidalgo, Luna, and Dona Ana Counties, New Mexico

**Congressional District:** 2

**Total Estimated Cost:** \$499,700

**Description**

**Project description:** This mitigation project would benefit the northern aplomado falcon (*Falco femoralis septentrionalis*) and numerous other native grassland species in New Mexico by funding native grassland restoration and northern aplomado falcon reintroductions that will contribute to the recovery of this species and its habitat. This mitigation project is rated as first priority by the New Mexico Ecological Services Field Office because the northern aplomado falcon is New Mexico's most highly endangered species affected by this Department of Homeland Security (DHS) project. Northern aplomado falcons and suitable habitat occur in the vicinity of the project area. The VF-300 projects have impacted approximately 561 acres of suitable northern aplomado falcon foraging and nesting habitat and have affected a larger area through changes in overland water flow patterns and erosion that reduce the quality and quantity of grassland habitat. Furthermore, suitable habitat for northern aplomado falcons and prey species has been fragmented by construction, roads, barriers, fences, and light and noise disturbance, and may be permanently lost. Loss of prey, suitable grassland habitat, and large trees that are used by ravens and raptors for nesting, and upon which northern aplomado falcons depend, would be mitigated by this project through grassland habitat restoration and reintroduction and monitoring of northern aplomado falcons.

According to estimates by the Bureau of Land Management in New Mexico, there are approximately 800,000 acres of degraded grassland habitat in Hidalgo, Luna, and Dona Ana counties. Areas in close proximity to northern aplomado falcon reintroduction sites would be evaluated for potential grassland restoration. Encroaching shrubs would be killed by chemical application from fixed-wing aircraft, helicopter, and/or by hand. Monitoring for the success of restoration would be conducted over a 4-year period, and would include both vegetative and grassland species monitoring.

Reintroduction of northern aplomado falcons would be conducted as part of an ongoing program by The Peregrine Fund, the expert organization that raises and reintroduces northern aplomado falcons into their historic range in the United States. This procedure gradually reintroduces falcons into highly suitable grassland habitat over a period of several weeks while the young

birds are provided with supplemental food by human attendants. This method has been used by The Peregrine Fund to reestablish a self-sustaining population in south Texas, where native aplomado falcons had been extirpated. In addition, monitoring and telemetry of reintroduced northern aplomado falcons would be conducted to ascertain their habitat use, movement patterns, and survival.

**Estimated Start Date:** FY2010

**Projected Finish Date:** FY2013

**Corresponding Unique ID Numbers**

NM001, NM002

**Project Itemized Budget**

	Cost
Restoration and monitoring of grassland habitat	
Shrub removal, average cost \$40 per acre	\$112,200
Environmental compliance, species surveys, monitoring	\$90,066
Reintroduction of northern aplomado falcons	\$37,500
Monitoring and telemetry of reintroduced northern aplomado falcons	\$150,000
Project management, operations, reporting costs	\$109,934
 Total	 \$499,700

**Contributing Partners**

Potential partners include The Peregrine Fund, Bureau of Land Management, Natural Resources Conservation Service, The Nature Conservancy, New Mexico Department of Game and Fish, private landowners, livestock operators, and Fish and Wildlife Service.

**Comments**

In New Mexico, the northern aplomado falcon is listed as a nonessential experimental population in order to allow greater flexibility in management options. This project would not set precedent for future mitigation projects because of the northern aplomado falcon's nonessential experimental designation and resultant flexibility in management options. The quantity of 2,805 acres of grassland habitat restoration to mitigate for loss of 561 acres would compensate for a predicted percentage of unsuccessful grassland restoration attempted under the extremely harsh conditions of the Chihuahuan Desert, as well as for road- and fence-induced erosion and related grassland habitat degradation to acres outside of the project footprint.

**Department of the Interior**  
**PF-225 and VF-300 Mitigation Measure**  
**Project Description Worksheet**

**General Information**

**Project Title:** Border-wide Mexican and lesser long-nosed bat (LLNB) roost protection, roost inventory, roost monitoring, and movement study

**Project Managers:** Susan Sferra, 602-242-0524, ext 208, [susan\\_sferra@fws.gov](mailto:susan_sferra@fws.gov); Patricia G. Zenone, Ph.D., 505-761-4718, [patricia\\_zenone@fws.gov](mailto:patricia_zenone@fws.gov),

**Sponsoring Bureau:** U.S. Fish and Wildlife Service, Arizona Ecological Services Office, Phoenix; U.S. Fish and Wildlife Service, New Mexico Ecological Services Field Office, Albuquerque, New Mexico

**Project Location:** Yuma, Pima, Santa Cruz, and Cochise counties, Arizona; Hildago and Luna counties, New Mexico

**Congressional District:** District 7, Raul Grijalva  
District 8, Gabrielle Giffords  
District 2, Harry Teague

Total Estimated Cost: \$925,000

**Description**

**Project description:**

1. Find occupied Mexican and LLNB roosts from known caves and mapped mine adits, tunnels, and shafts in Mexican and LLNB habitat near the New Mexico and Arizona border, available from state mining offices. Check caves and mine adits, tunnels, and shafts for Mexican and LLNB. As recommended in Biological Resource Plans (BRPs), continue monitoring occupied bat roosts annually and take corrective management action where needed. Identifying and protecting bat roosts is recommended in the Mexican and LLNB Recovery Plans (U.S. Fish and Wildlife Service 1994; 1995).

Ongoing monitoring at bat roosts is needed to assess impacts over time; protecting these roost sites minimizes impacts associated with the loss of foraging habitat. E-2A, EV-1A, FV-1B, D-5B, and D-6 BRPs support monitoring maternity and summer lesser long-nosed bat roosts to assist in documenting the status of the species. HV-1 through HV-4 BRP states that several important foraging areas containing known roosts are on the Mexico side of the border near the

project corridor, and placement of temporary work lights in extensive areas may compromise cross-border foraging ability.

2. Monitor movement patterns of Mexican and LLNB. This is a recommendation in the Mexican and LLNB Recovery Plans (U.S. Fish and Wildlife Service 1994; 1995). Monitoring is needed to assess impacts, effectiveness of roost protection structures, and movement patterns of bats. Identification of bat movement patterns is a conservation measure in BRPs. BRPs state "Using funds from the mitigation pool established by CBP, USFWS may support telemetry monitoring of foraging bats to determine degree to which roads, fences, and other operations facilities act as barriers or increase habitat fragmentation to provide useful information for determining the effect on bat foraging and movement of future projects." Locations should include the Patagonia, Perilla, Animas, and Peloncillo mountains, because a bat movement study can locate roosts in the many unsurveyed mines and caves in these areas.

*Effects Analysis:*

D-5B, D-6, E-2A, EV-1A, FV-1B BRPs state the projects are likely to adversely affect the lesser long-nosed bat.

CV-2, D-5, HV-1 through HV-4 BRPs state the projects are not likely to adversely affect Mexican and lesser long-nosed bats, but if columnar cacti and agaves cannot be avoided, funds may be used to conduct restoration in Arizona and New Mexico.

E-2A, EV-1A, FV-1B, D-5B, and D-6 BRPs support monitoring maternity and summer lesser long-nosed bat roosts to assist in documenting the status of the species.

E-2A, EV-1A, FV-1B, D-5B, and D-6 BRPs state funds may be used to support telemetry monitoring of foraging bats to determine degree to which roads, fences, and other operations facilities act as barriers or increase habitat fragmentation to provide useful information for determining the effect on bat foraging and movement of future projects.

For fence segments HV-1, HV-2, HV-3, and HV-4, the FWS does not agree with the BRP Determination of Not Likely to Adversely Affect these species. The BRP states that there are several important foraging areas containing known roosts on the Mexico side of the border near the project corridor. The BRP (Pages 2-7 and 2-13) and the accompanying maps also show that the two bat species are likely to be present at the project area. The BRP additionally states that loss of roosts and foraging habitat are threats to these bats, and that their current population status within the project area is imperfectly known. The BRP states on page 2-9 that activities that adversely affect the density and productivity of forage material for the bats may adversely affect population numbers, and that protection of food resources along migratory pathways may be important to the survival of the species. On page 4-4, the BRP states that approximately 86 agave plants would be removed as a result of TI construction. Given the importance of agaves to the survival of these bats, and given the limited number of forage plants, mitigation for the loss of any foraging habitat is important. Page 1-19 of the BRP states that if areas containing agaves cannot be avoided, then agaves will be replaced at an appropriate ratio to ensure that no bat forage materials are eliminated due to project activities.

Additionally, the proposed radio telemetry project will benefit these species by providing information that will result in improved protection from impacts of associated with TI construction and maintenance. Human-caused disturbances, such as lighting and noise, can easily impact these species' normal behaviors of foraging, roosting, and breeding.

*Mitigation Justification*

This project mitigates for permanent loss of Mexican and lesser long-nosed bat foraging habitat (columnar cacti, agaves) in the footprint of road and fence segments and staging areas that are not already mitigated through other projects. Loss of these food resources is mitigated by protecting roosts, which offsets forage plant loss.

This project mitigates the cumulative effects of permanent loss of foraging plants (agaves, columnar cacti) within footprint of 100.5 miles of construction/border/access roads and fence in the following projects:

CV-2 = 9 miles of vehicle fence.

D-5B = 5.2 miles of construction/border road.

D-6 = 2.2 miles of construction/border road, 1.34 miles of access road.

E-2A = 6 miles of construction/border road (1.55 miles of the total 6.24 miles of construction road and 1.3 miles of access road were subtracted from the total for this segment because they are mitigated under project AZ04).

EV-1B = 2.8 miles of construction/border road.

FV-1B = 16.3 miles of construction/border road, 7.95 miles of access roads

HV-1 through HV-3 = 16.3 miles of construction roads and vehicle fence, 19.81 miles of access roads

HV-4 = 6 miles of construction roads and vehicle fence

**Estimated Start Date:** 2010

**Projected Finish Date:** 2013

**Corresponding Unique ID Numbers**

NM003 (Combined with AZ008 and NM007)

**Project Itemized Budget, Year 1**

Task	Cost
1. Find, protect, and monitor Mexican and LLNB roosts in fence segments along border, including the Patagonia, Peloncillo, Perilla, and Animas mountains. The number of LLNB bat roosts disturbed by human use is probably 10 or less. Surveys of mines and caves will be conducted to document roosts adversely affected by human use.	Find roosts near fence segments \$100,000/yr x 1 year = \$100,000
2. Assess movement patterns and roost site use, using telemetry.	\$125,000/yr x 4 years = \$500,000
<b>Total</b> (Indirect costs will be added to this	<b>\$600,000</b>

figure.)

**Project Itemized Budget, Year 2**

Task	Cost
1. Find, protect, and monitor Mexican and LLNB roosts in fence segments along border, including the Patagonia, Peloncillo, Perilla, and Animas mountains. The number of LLNB bat roosts disturbed by human use is probably 10 or less. Surveys of mines and caves will be conducted to document roosts adversely affected by human use.	Find roosts near fence segments \$100,000/yr x 2 years = \$200,000  Pre- and post- roost protection monitoring \$31,250/yr x 4 years = \$125,000
<b>Total</b> (Indirect costs will be added to this figure.)	\$325,000

**Contributing Partners**

Coronado National Forest, Coronado National Memorial, Cabeza Prieta National Wildlife Refuge, and Organ Pipe Cactus National Monument monitoring and protection efforts will complement this project. Other partners could potentially include U.S. Geological Survey, Bureau of Land Management, Bat Conservation International, and the Sonoran Desert Museum.

**Comments**

We will coordinate this project with the bat movement study to be conducted in the Patagonia Mountains, which is one of the conservation measures in the 2008 Tucson West Towers Biological Opinion; and the bat movement and monitoring studies to be conducted on Cabeza Prieta National Wildlife Refuge and Organ Pipe Cactus National Monument in accordance with conservation measures in the Ajo 1 Towers biological opinion. Each of the bat movement and monitoring studies will be conducted in a different geographical area, strengthening the sample size and providing a more comprehensive understanding of bat movements along the southern Arizona and New Mexico borders.

The Animas and Peloncillo Mountains are known to have active Mexican and lesser long-nosed bat roosts. Therefore, because the locations of potential roosts are unknown in relation to the Project corridor, it was assumed in the VF-300 Environmental Stewardship Plan that they could occur within 5 miles of the project footprint.

**Literature Cited**

U.S. Fish and Wildlife Service. 1994. Mexican Long-nosed Bat Recovery Plan. U.S. Fish and Wildlife Service, Albuquerque, New Mexico.

U.S. Fish and Wildlife Service. 1995. Lesser Long-nosed Bat Recovery Plan. U.S. Fish and Wildlife Service, Albuquerque, New Mexico.

# PAYABLE INTERAGENCY AGREEMENT

## TERMS AND CONDITIONS

### Interagency Agreement Between U.S. Custom and Border Protection and the Department of the Interior Addressing Potential Impacts to Natural and Cultural Resources from PF70, PF225 and VF300

#### 1. General

The Terms and Conditions contained in this document, along with U.S. Customs and Border Protection (CBP) Form 236, "Interagency Agreement," the Statement of Work (SOW), and any identified attachments, constitute a Payable Interagency Agreement between U.S. Customs and Border Protection (hereinafter referred to as "CBP" or the "Requesting Agency") and the Department of the Interior (hereinafter referred to as "DOI" or the "Servicing Agency") (collectively the "Parties"). This Interagency Agreement shall be effective on the date of the final signature by authorized officials of both agencies, and shall remain in effect for the period(s) stated on the form, or until cancelled/terminated in accordance with the Cancellation/Termination provisions of this document.

(a) Authority. The Parties' authority to enter into this Agreement is the Economy Act, 31 U.S.C. § 1535.

(b) Objective and Purpose. The purpose of this Interagency Agreement between CBP (acting as the Requesting Agency), and the DOI, (acting as the Servicing Agency), is to address adverse effects to DOI-administered resources (as defined below under ¶ 1(c). Scope). The effects have occurred in connection with construction and maintenance of border security infrastructure that was or is being constructed as part of CBP's Pedestrian Fence 70 (PF 70), Pedestrian Fence 225 (PF 225) and Vehicle Fence 300 (VF 300) initiatives. In accordance with this Interagency Agreement, DOI, will, on behalf of CBP use its experience, background, and expertise to implement projects, referred to herein as "Conservation Actions," that will address effects on DOI-administered resources within the States of California, Arizona, New Mexico, and Texas along the southern border related to construction and maintenance of PF 70, PF 225 and VF 300.

(c) Scope. The Conservation Actions that are to be funded and implemented pursuant to this Interagency Agreement address effects on DOI-administered

resources. In accordance with applicable statutes, DOI responsibility for these resources applies irrespective of the ownership or jurisdictional status of lands and waters. For purposes of this Interagency Agreement, DOI-administered resources are defined as:

- Endangered and threatened species whose designated habitats, distribution or population will be adversely affected by the deployment and maintenance of border security infrastructure.
- Other fish and wildlife including: migratory birds, resident species, and other members of the animal kingdom whose populations or habitats will be adversely affected by the deployment and maintenance of border security infrastructure.
- Plant communities including wetlands and riparian areas that will be adversely affected by the deployment and maintenance of border security infrastructure.
- Adverse effects to other natural resources such as soils, hydrology, designated wilderness areas from the deployment and maintenance of border security infrastructure.
- Cultural resources, including Native American human remains and cultural items that will be adversely affected by the deployment and maintenance of border security infrastructure.

CBP has determined that there is currently no authority for CBP to provide funding to DOI for direct fee simple land acquisition by DOI. However, both Parties agree that land acquisition is an appropriate means by which to achieve the conservation objectives outlined in this Interagency Agreement. Therefore, if additional statutory authority is enacted which enables CBP to provide funding to DOI for direct fee simple land acquisition by DOI, and DOI identifies Conservation Actions that involve land acquisition by DOI. CBP agrees, after consultation between the Parties, to provide funds to execute such Conservation Actions.

Until such time that CBP possesses authority to provide funding for direct DOI fee simple land acquisition, CBP has determined that there is authority to transfer funds to DOI through this Interagency Agreement to allow DOI to administer and implement assisted acquisitions that will involve the purchase of conservation easements or other interests in land by a third party for mitigation purposes.

The specific terms and conditions that are applicable to the Conservation Actions that will be carried out under this Interagency Agreement are set forth in the attached SOW.

## 2. Definitions

"Assisted Acquisition"—Interagency acquisitions for which a Requesting Agency, at its discretion, has determined that it is in the best interest of the government to seek the acquisition services of a Servicing Agency in the procurement of supplies or services from the private sector and where the Servicing Agency awards a contract(s) or order(s) on behalf of the Requesting Agency.

"Intra-governmental Payment and Collection (IPAC)"—The U.S. Treasury Department system used by most Federal agencies for interagency payments.

"Interagency Agreement"—A written agreement between Federal agencies or Components of Federal agencies to acquire supplies or services as authorized by statute. The term "Intra-agency Agreement" may be used when referring to such agreements between Components of a Federal Agency.

"Requesting Agency"—A Federal agency that has a requirement and desires to obtain goods or services from a Servicing Agency.

"Servicing Agency"—A Federal agency that is willing and able to provide supplies or services to a Requesting Agency.

## 3. Responsibilities—

### (a) Requesting Agency

(1) Contracting Officer (CO). The Requesting Agency's Federal employee with the authority to enter into, administer, and/or terminate contracts and orders and is responsible for the execution of Interagency Agreements and Economy Act-required Determinations and Findings which include Assisted Acquisitions.

(2) Contracting Officer's Technical Representative (COTR). The Contracting Officer (CO) may designate a Requesting Agency Federal employee to act as his/her representative to perform functions under the Interagency Agreement such as reviewing or inspecting/accepting deliverables, services, and other oversight functions of a technical or programmatic nature covered under the Statement of Work of the agreement. In carrying out these responsibilities, the COTR will operate within the scope of applicable regulations, specifically delegated authorities, and the program authorities and funding limitations of the agreement. The CO cannot authorize the COTR or any other representative to sign documents that require the signature of the CO such as changes to the Interagency Agreement, issuing modifications to the agreement, etc. A COTR is usually designated for Interagency Agreements over \$100,000 and requiring technical or programmatic oversight.

(3) Program Manager. The Requesting Agency's Federal employee assigned responsibility for accomplishing a specific, defined task in support of the Requesting Agency's mission, including an acquisition program or an operational function. The Program Manager may perform functions of a technical or programmatic surveillance nature in lieu of a COTR outlined above. The Program Manager cannot perform functions of a CO.

**(b) Responsibilities—Servicing Agency**

(1) Mitigation Coordinator (MC). The Servicing Agency's federal employee assigned the responsibility for tracking and reporting project status, including 6 month, annual and tri-annual reports, contract management and other procedural requirements of the Interagency Agreement. The MC will be located in the US Fish and Wildlife Service Region 2, Regional Office and will coordinate and report on all DOI projects funded under this agreement.

(2) Interagency Borderlands Coordinator. The DOI federal employee responsible for monitoring and oversight of DOI activities conducted under this agreement. Acts as liaison among DOI Bureaus and provides direct point of contact for communication with DOI and any modification of the project work with the Requesting Agency.

**4. Assisted Acquisitions**

If this is an Assisted Acquisition, the Servicing Agency must do the following:

(a) All contracts or orders awarded must comply with the provisions of the Competition in Contracting Act (CICA), Public Law 98-369; and

(b) When awarding any new contract (does not include orders or modifications to contracts/orders) in excess of \$1,000,000 or change in contract scope in excess of \$1,000,000, which results from this Interagency Agreement:

(1) Delay any contract award(s) and any public announcement(s) of such pending award(s) as needed to ensure that the Requesting Agency complies with its requirement to notify the Committees on Appropriations in the House and Senate at least five (5) full business days in advance of such contract award(s) and public announcement(s); and

(2) Enter the Servicing Agency's Funding Agency and Funding Office Identification Codes in the Federal Procurement Data System (FPDS) when reporting any contract (or order) award(s). *[Note: The Funding Agency ID is "7014" (CBP—Customs and Border Protection); the Funding Office Identification Codes are "CS001" (Procurement Directorate, DC) or "CS002" (Procurement Directorate, Indianapolis)]*

Actions under (b)(1) must be coordinated with the Requesting Agency's Contracting Officer. Proof of actions under (b)(2) shall be provided to the Requesting Agency's Contracting Officer.

## **5. Other Than Assisted Acquisitions**

No funds provided through this Interagency Agreement may be used by the Servicing Agency to award a contract or order for the exclusive use and benefit of Requesting Agency.

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## **6. Funding and Reimbursement**

(a) The Servicing Agency is limited to recovery of only actual costs incurred. The Servicing Agency shall notify the Requesting Agency's COTR/Program Manager in writing when the costs incurred, together with costs of any outstanding commitments, total 80 percent (%) of the obligated estimated cost ceiling of this Interagency Agreement.

The Servicing Agency shall make no other commitments or expenditures beyond 100% of the funds obligated and shall be excused from further performance of the work unless, and until, the Requesting Agency's Contracting Officer (CO), or other authorized official, increases the total obligation by modification to the Interagency Agreement.

Beginning in September of 2011, and on an annual basis thereafter, CBP and DOI will review the progress and status of each Conservation Action that is currently being funded and implemented under the Agreement. The parties will assess, among other things, current project workloads, work that has been completed, and work that is still required to be completed. Based on this mutual assessment of the Conservation Actions currently being funded and implemented, CBP will adjust the obligated estimated cost ceiling of this Interagency Agreement.

The Requesting Agency shall pay no fee to the Servicing Agency under this Interagency Agreement. This provision was agreed to between the agencies in a Letter of Commitment signed January 15, 2009.

### **(b) Special Terms for Greater Than One-year Funding**

For longer than one-year (e.g., two-year, no-year) funding availability, the dates are extended appropriately.

## **7. Billing Instructions and Support Documentation for Expenditures**

Billing and reimbursement may be handled through the Intra-governmental Payment and Collection (IPAC) system, or the Servicing Agency may submit invoices when the work is completed or as otherwise authorized by the Requesting Agency. The Interagency Agreement number (Payable IGT number), the Agency Locator Codes, appropriate accounting code(s), and associated dollar amounts must be referenced on all IPAC transactions or invoices.

If IPAC is used, the Servicing Agency shall provide documentation supporting all charges to the Requesting Agency's COTR or Program Manager. In the event that advance payment is requested and authorized, the Servicing agency shall furnish expenditure reports to the COTR or Program Manager on a quarterly basis.

If invoices are used, the invoices, along with supporting documentation, shall be submitted to the Requesting Agency's payment office as shown on the Interagency Agreement form, with a copy furnished to the COTR or Program Manager. Per the Economy Act and Federal Acquisition Regulation Subsection 17.505, bills or requests for advance payment will not be subject to audit or certification in advance of payment.

Both agencies agree to promptly discuss and resolve issues and questions regarding payments. The Servicing Agency will promptly initiate year-end and closeout adjustments once final costs are known.

## **8. Travel**

All travel under this Interagency Agreement shall be in accordance with the Federal Travel Regulation.

## **9. Prompt Payment**

The Servicing Agency shall not assess the Requesting Agency any prompt payment interest penalties on account of late payments.

## **10. Modifications to the Agreement**

When appropriate, a unilateral administrative modification will be issued by the Requesting Agency, e.g., to add funds with no change to the Statement of Work, to change a COTR or Program Manager designation, etc. A written bilateral modification (i.e., agreed to and signed by authorized officials of both parties) will be issued to make changes to the work covered under the Statement of Work or renew the agreement for optional periods of performance such as successive fiscal years.

## **11. Property**

Non-expendable property purchased with funds furnished under this agreement shall become assets of the Requesting Agency unless otherwise agreed to in writing by both agencies. Transfer of the property to the Requesting Agency shall be accomplished at the time of closeout of this agreement or during the performance period, as agreed to by both parties. Purchase of equipment required for performance of the work under this agreement must be authorized by the Requesting Agency.

---

## **12. Third Party Liability**

With respect to third-party liability for acts arising out of the performance of official duty by a government employee of the Servicing agency, the Servicing Agency undertakes responsibilities for the investigation, adjudication, settlement, and payment of any claim asserted against the United States; except that, in all cases, the responsibility for the investigation, adjudication, settlement, and payment of any claim with respect to third-party liability arising out of the use, damage, or destruction of loaned personal property shall be the responsibility of the particular agency that has custody and control of the said personal property. In addition, the Servicing Agency representative shall have the duty of investigating and reporting, in accordance with the Servicing Agency's regulations and policies, incidents occurring on, or involving that Servicing Agency's real property. The Requesting agency agrees to cooperate fully in such investigations.

## **13. Disputes**

Nothing in this agreement is intended to conflict with current Requesting Agency or Department of Homeland Security directives. However, should disagreement arise as to the interpretation of the provisions of this agreement that cannot be resolved between the parties of the Requesting Agency the Servicing Agency, the area(s) of disagreement will be reduced to writing by each agency and presented to the authorized officials at both agencies for resolution. If settlement cannot be reached at this level, the disagreement will be raised to next level in accordance with Requesting Agency's and the Servicing Agency's procedures for final resolution.

## **14. Cancellation/Termination**

This agreement is subject to cancellation or termination, with at least 60 calendar days (unless the Statement of Work specifies a different period) advance written notice by either party. The Servicing Agency shall be reimbursed for the cost of all completed and partially completed work (up to the agreement cost ceiling) as of the effective date of cancellation.

## **15. Project Completion and Closeout**

When the Requesting Agency has accepted all deliverables related to the Statement of Work, the Servicing Agency will provide a written project evaluation and final accounting of project costs to the Requesting Agency. The Servicing Agency account will then be closed and any remaining funds will be returned to the Requesting Agency immediately. After final accounting, the remaining balance in the project account will be deobligated by modification to the Interagency Agreement.

#### **16. Accessibility of Electronic and Information Technology**

Each Electronic and Information Technology (EIT) product or service furnished under this agreement shall comply with the Electronic and Information Technology Accessibility Standards (36 CFR 1194), which implements section 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d).

**\*WT to WK\***

SEP 06 2011

APPROVED  
By croberts at 10:50 am, Sep 30, 2010

DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT

PART I

U.S. Customs and Border Protection	Agreement No.	HSBP1010X00180	Modification No.	
	Option No.		Task Order No.	
Statutory Authority ECONOMY ACT (31 U.S.C 1535)		Requisition No. 0020057641	Date Prepared 08/16/2010	
Name and Address of Customs Organization (Office or Division Responsible for Agreement) DHS - Customs & Border Protection CBP 1901 South Bell Street  Arlington VA 22202		Performance Location  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St. NW  WASHINGTON DC 20240		
Participating Agency	Agreement No.	RA10W0648A CR	Modification No.	1
	Option No.		Task Order No.	
Statutory Authority		Requisition No.	Date Prepared 6/17/11	
Name and Address of Participating Organization (Office or Division Responsible for Agreement) Department of the Interior Office of the Secretary Ofc of Law Enforcement & Security 1849 C St. NW, MS-3409 Washington DC 20248-0001		Performance Location  DEPARTMENT OF THE INTERIOR OFFICE OF THE SECRETARY OFFICE OF LAW ENFORCEMENT AND SECURITY 1849 C ST. NW, MS-3409, WASHINGTON DC 20248		

PART II

All acquisitions made under this Agreement shall comply with the Competition in Contracting Act, P.L. 98-369, and regulations pertaining thereto.

Scope of Work: See Aitch SOW  <b>DUNS# 879 824 324</b>  70050800	Period of Performance: From 08/25/2010 To 09/30/2015	
	Base Price of Funded IA:	\$5,812,803.00
	Amount of this Modification:	\$0.00
	Overhead:	\$0.00
	Total Price of IA:	\$6,812,803.00
Attachments:	<input checked="" type="checkbox"/> Terms and Conditions of Agreement <input checked="" type="checkbox"/> Statement of Work <input type="checkbox"/> Quantity and Unit Price <input type="checkbox"/> Determinations and Findings <input type="checkbox"/> Option Period Dates <input type="checkbox"/> Form 238A <input type="checkbox"/> Market Research Findings <input type="checkbox"/> Other _____	

U.S. Customs and Border Protection Form 238 (05/02)

**60051 WKW03 HSD0648 52**

**P: Drive 9/6**  
**RECEIVED**  
 SEP 06 REC'D  
 BY: **(b) (6)**

**PART III**

**Special Instruction:** U.S. Customs and Border Protection Interagency Agreement Number and Project Code must be referenced on every invoice/voucher.

PARTICIPATING AGENCY FUNDING	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<p>6051WTW03 52 is replaced with 6051WKW03 HS0648                      Approp # 14 X 4523</p> <p style="text-align: right;">52 CR</p> <p style="text-align: right;">GRAND TOTAL \$6,812,803.00</p>
U. S. CUSTOMS AND BORDER PROTECTION FUNDING	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<p>10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532</p> <p style="text-align: right;">GRAND TOTAL \$6,812,803.00</p>

**PART IV**

Check Appropriate Boxes:  Transfer Appropriation  Billing for actual cost incurred  
 Other \_\_\_\_\_

Monthly  Quarterly  Semi-Annual  Annual  Advanced  Reimbursable Direct Fund Cite

BILLING / PAYMENT	PARTICIPATING AGENCY	U. S. CUSTOMS AND BORDER PROTECTION
	Agency Locator Code: 14010001	Agency Locator Code: 70050800
	BPN No.: 130907426	BPN No.: DUNS# 879824324
	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230	Address: DHS - Customs & Border Protection National Finance Center  PO Box 68908 Indianapolis IN 46268
	Point of Contact: MISTY FOSTER	Point of Contact: (b) (6)
	Telephone No.: 303-969-7454	Telephone No.: (b) (6)
	FAX No.:	FAX No.: (b) (6)
	E-Mail Address: MISTY_FOSTER@NBC.GOV	E-Mail Address: (b) (6)



# United States Department of the Interior

OFFICE OF THE SECRETARY  
WASHINGTON, D.C. 20240

AUG 2 - 2011

## Memorandum

To: April Jennings, Customs and Border Protection Contracting Officer

Via: Jon Andrew, Border Coordinator, OLES *Jon Andrew*

From: Office of the Secretary Budget Office *Carl Roberts*

Subject: Acceptance of Billing change and DOI Account information to Interagency Agreement - HSBP1010X00180

Interior requests your acceptance of the following administrative changes to CBP Interagency Agreement HSBP1010X00180/DOI number RA10W0648. To properly account and bill, we request to account for funding as Time and Material vice Fixed Price. Fixed price agreements are automatically billed. In order to comply with CBP's payment policy, the IAA must be recorded in Interior's accounting system as a time and material order under a different fund code. To do so DOI must move funds from our WT fund to the correct fund of WK (time and material). We ask that you certify acceptance by signing and date below.

The Interior account number will change in Part III from 6051WTW03 to 6051WKW03, all other terms and conditions remain the same. This change will allow our accounting services to properly bill this IAA as a Time and Material agreement, billable based on expenses with attached invoices. Thank you for your attention and cooperation in this matter.

We apologize for any inconvenience. If you have any questions, please contact Carl Roberts at (202) 208-3305 or Jon Andrew (202) 208-7431.

ACCEPTANCE OF Administrative Change

(b) (6)

Name: April L. Jennings

Title: Contracting Officer

Date: 9/6/11

Attachment USCBP form 236

18221

**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION**

**INTERAGENCY AGREEMENT**

**PART I**

<b>U.S. Customs and Border Protection</b>	Agreement No.	HSBP1010X00180	Modification No.	P00002
	Option No.		Task Order No.	
Statutory Authority ECONOMY ACT (31 U.S.C 1535)		Requisition No. 0020057641	Date Prepared 01/06/12	
Name and Address of Customs Organization (Office or Division Responsible for Agreement) DHS - Customs & Border Protection CBP 1901 South Bell Street  Arlington VA 22202		Performance Location  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C St. NW  WASHINGTON DC 20240		
<b>Participating Agency</b>	Agreement No.	18221	Modification No.	
	Option No.		Task Order No.	
Statutory Authority		Requisition No.	Date Prepared	
Name and Address of Participating Organization (Office or Division Responsible for Agreement) Department of the Interior  1849 C Street NW  Washington DC 20248-0001		Performance Location  DEPARTMENT OF THE INTERIOR OFFICE OF THE SECRETARY OFFICE OF LAW ENFORCEMENT AND SECURITY 1849 C ST. NW, MS-3409, WASHINGTON DC 20248		

**PART II**

<i>All acquisitions made under this Agreement shall comply with the Competition in Contracting Act, P.L. 96-389, and regulations pertaining thereto.</i>			
<b>Scope of Work:</b> 1. The purpose of this modification is to incorporate the revised SOW relative to the \$8,000,000.00 Conservation Action. 2. As a result, the IAA amount increased from \$6,812,803.00 to \$14,812,803.00. (See the attached SOW, inclusive of Appendix One - Appendix One has been updated to include the associated Project Description Worksheet (PDW)).	<b>Period of Performance:</b> From 09/28/2010 To 09/30/2015		
	<b>Base Price of Funded IA:</b>	\$6,812,803.00	
	<b>Amount of this Modification:</b>	\$8,000,000.00	
	<b>Overhead:</b>	\$0.00	
	<b>Total Price of IA:</b>	\$14,812,803.00	
<b>Attachments</b>	<input type="checkbox"/> Terms and Conditions of Agreement	<input checked="" type="checkbox"/> Statement of Work	<input type="checkbox"/> Quantity and Unit Price
	<input type="checkbox"/> Determinations and Findings	<input type="checkbox"/> Option Period Dates	<input type="checkbox"/> Form 236A
	<input type="checkbox"/> Market Research Findings	<input type="checkbox"/> Other _____	

U.S. Customs and Border Protection Form 236 (05/02)

**PART III**

**Special Instruction: U.S. Customs and Border Protection Interagency Agreement Number and Project Code must be referenced on every invoice/voucher.**

<b>PARTICIPATING AGENCY FUNDING</b>	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL  XXXD4523WK DS65123000 BWK000000.000000 DR 65103, HS064812	GRAND TOTAL <u>\$14,812,803.00</u>
	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL  10 6100 2532 USC SGLCS0928040500Z00009173SB01 SB1402532 6100 2532 USC SGLCS0928040500ZPOP11173SB0101030000 SB1402532	GRAND TOTAL <u>\$14,812,803.00</u>

**PART IV**

Check Appropriate Boxes:

Transfer Appropriation     Billing for actual cost incurred  
 Other \_\_\_\_\_

Monthly     Quarterly     Semi-Annual     Annual     Advanced     Reimbursable Direct Fund Cite

<b>BILLING / PAYMENT</b>	<b>PARTICIPATING AGENCY</b>	<b>U.S. CUSTOMS AND BORDER PROTECTION</b>
	Agency Locator Code: 14010001	Agency Locator Code: 70050800
	BPN No.: 130907426	BPN No.: DUNS# 879824324
	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230	Address: DHS - Customs & Border Protection National Finance Center  PO Box 68908 Indianapolis IN 46268
	Point of Contact: MISTY FOSTER	Point of Contact: (b) (6)
	Telephone No.: 303-969-7454	Telephone No.: (b) (6)
	FAX No.:	FAX No.: (b) (6)
	E-Mail Address: MISTY_FOSTER@NBC.GOV	E-Mail Address: (b) (6)

U.S. Customs and Border Protection Form 236 (05/02)

APPROVALS

		PARTICIPATING AGENCY		U.S. CUSTOMS AND BORDER PROTECTION	
PROGRAM OFFICE	Name:	JONATHAN M. ANDREW		Name:	
	Title:	INTERAGENCY BORDERLAND COORDINATOR		Title:	
	Telephone No.:	202-208-7431		Telephone No.:	
	FAX No.:			FAX No.:	
	E-Mail Address:	JONATHAN.ANDREW@IOS.DOL.GOV		E-Mail Address:	
	Signature:	<i>[Signature]</i>	Date:	1-30-12	Signature:
C O T R	Name:			Name: (b) (6)	
	Title:			Title:	
	Telephone No.:			Telephone No.: (b) (6)	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		Signature:
PROGRAM BUDGET OFFICE(R)	Name:	KIM PRENDERGAST		Name:	
	Title:	BUDGET OFFICER, OFC OF THE SEC		Title:	
	Telephone No.:	202-208-6443		Telephone No.:	
	FAX No.:	202-208-3911		FAX No.:	
	E-Mail Address:	KIM.PRENDERGAST@IOS.DOL.GOV		E-Mail Address:	
	Signature:	<i>[Signature]</i>	Date:	2/8/12	Signature:
BUDGET DIVISION (for 2X only)	Name:			Name:	
	Title:			Title:	
	Telephone No.:			Telephone No.:	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		Signature:
CON- TRACTING OFFICER	Name:			Name: APRIL JENNINGS	
	Title:			Title: Contracting Officer	
	Telephone No.:			Telephone No.: (b) (6)	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		(b) (6)
		Date:	2/16/12		

## INSTRUCTIONS

*Instructions are provided for only those items that need explanation and clarification. Enter N/A where an answer is not applicable.*

### **PART I - ADMINISTRATION**

- |                       |   |
|-----------------------|---|
| Agreement Number -    | Interagency Agreement (IA) number is assigned by U.S. Customs and Border Protection Procurement Division. |
| Option Number -       | Include if the IA contains options and an option is being exercised or modified.                          |
| Task Order Number -   | Include if referenced in the Statement of Work.   |
| Statutory Authority - | Define under what authority the IA is authorized.   |
| Requisition Number -  | The Program Office assigns this number when appropriate.  |

### **PART II - AGREEMENT**

- |                 |  |
|-----------------|--|
| Scope of Work - | Briefly summarize the statement of work. If the agreement is being modified, describe why the modification is being issued <b>(not the accounting strip)</b> |
| Attachments -   | Check the appropriate boxes to indicate documents attached to CF236.   |

### **PART III - FUNDING**

- (1) Include line item numbers, accounting strips, and price for each.
- (2) For modification show how the prices are changed for the line items and show the revised total.
- (3) Include in the price adjustments, for all prior modifications, (under the currently funded IA) to show logic of changes to the price of the IA.
- (4) Insert in the Grand Total block the total amount, or revised total of the funded IA.

### **PART IV - BILLING/PAYMENT**

This part is self-explanatory.

### **PART V - APPROVALS**

- |                                    |  |
|------------------------------------|--|
| U.S. Customs and Border Protection | Provide complete information for all required Approving Officials.                                       |
| Participating Agency               | Include information requested only for those Approving Officials that are required by your organization. |

**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION**

**INTERAGENCY AGREEMENT**

**PART I**

<b>U.S. Customs and Border Protection</b>	Agreement No.	HSBP1010X00180	Modification No.	P00003
	Option No.		Task Order No.	
Statutory Authority ECONOMY ACT (31 U.S.C 1535)			Requisition No. 0020057641	Date Prepared 04/13/12
Name and Address of Customs Organization (Office or Division Responsible for Agreement) DHS - Customs & Border Protection CBP 1901 South Bell Street  Arlington VA 22202			Performance Location  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW  WASHINGTON DC 20240	
<b>Participating Agency</b>	Agreement No.		Modification No.	
	Option No.		Task Order No.	
Statutory Authority			Requisition No.	Date Prepared
Name and Address of Participating Organization (Office or Division Responsible for Agreement) Department of the Interior  1849 C Street NW  Washington DC 20248-0001			Performance Location  DEPARTMENT OF THE INTERIOR OFFICE OF THE SECRETARY OFFICE OF LAW ENFORCEMENT AND SECURITY 1849 C ST. NW, MS-3409, WASHINGTON DC 20248	

**PART II**

*All acquisitions made under this Agreement shall comply with the Competition in Contracting Act, P.L. 98-369, and regulations pertaining thereto.*

<b>Scope of Work:</b> 1. The purpose of this modification is to incorporate the revised SOW relative to the \$3,000,000.00 Conservation Action. 2. As a result, the IAA amount increased from \$14,812,803.00 to \$17,812,803.00, a \$3,000,000.00 increase. (See the attached SOW and associated Project Work Description)	<b>Period of Performance:</b> From <u>09/28/2010</u> To <u>09/30/2015</u>		
	<b>Base Price of Funded IA:</b>	<b>\$14,812,803.00</b>	
	<b>Amount of this Modification:</b>	<b>\$3,000,000.00</b>	
	<b>Overhead:</b>	<b>\$0.00</b>	
	<b>Total Price of IA:</b>	<b>\$17,812,803.00</b>	
<b>Attachments:</b>	<input type="checkbox"/> Terms and Conditions of Agreement	<input checked="" type="checkbox"/> Statement of Work	<input type="checkbox"/> Quantity and Unit Price
	<input type="checkbox"/> Determinations and Findings	<input type="checkbox"/> Option Period Dates	<input type="checkbox"/> Form 236A
	<input type="checkbox"/> Market Research Findings	<input type="checkbox"/> Other _____	

**PART III**

**Special Instruction: U.S. Customs and Border Protection Interagency Agreement Number and Project Code must be referenced on every invoice/voucher.**

<b>PARTICIPATING AGENCY FUNDING</b>	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<b>GRAND TOTAL</b> <u>                    </u> \$17,812,803.00
<b>U. S. CUSTOMS AND BORDER PROTECTION FUNDING</b>	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532  style="text-align: right;"> <b>GRAND TOTAL</b> <u>                    </u> \$17,812,803.00

**PART IV**

Check Appropriate Boxes:  Transfer Appropriation  Billing for actual cost incurred  
 Other \_\_\_\_\_

Monthly  Quarterly  Semi-Annual  Annual  Advanced  Reimbursable Direct Fund Cite

	<b>PARTICIPATING AGENCY</b>	<b>U.S. CUSTOMS AND BORDER PROTECTION</b>
<b>BILLING / PAYMENT</b>	Agency Locator Code: 14010001	Agency Locator Code: 70050800
	BPN No.: 130907426	BPN No.: DUNS# 879824324
	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230	Address: DHS - Customs & Border Protection National Finance Center  PO Box 68908 Indianapolis IN 46268
	Point of Contact: MISTY FOSTER	Point of Contact: █ (b) (6) █
	Telephone No.: 303-969-7454	Telephone No.: █ (b) (6) █
	FAX No.:	FAX No.: █ (b) (6) █
	E-Mail Address: MISTY_FOSTER@NBC.GOV	E-Mail Address: █ (b) (6) █

APPROVALS

	PARTICIPATING AGENCY		U.S. CUSTOMS AND BORDER PROTECTION	
	PROGRAM  OFFICE	Name: JONATHAN M. ANDREW		Name:
Title: INTER AGENCY BORDERLAND COORDINATOR		Title:		
Telephone No.: 202-208 7431		Telephone No.:		
FAX No.:		FAX No.:		
E-Mail Address: JONATHAN_ANDREW@IOS.DOL.GOV		E-Mail Address:		
Signature: <i>[Handwritten Signature]</i>		Date: 5-3-12	Signature:	Date:
C O T R		Name:		Name: <b>(b) (6)</b>
	Title:		Title:	
	Telephone No.:		Telephone No. <b>(b) (6)</b>	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	Signature: <b>(b) (6)</b>	Date: 5-3-12
PROGRAM  BUDGET  OFFICE(R)	Name:		Name: <b>(b) (6)</b>	
	Title:		Title:	
	Telephone No.:		Telephone No.:	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	Signature:	Date:
BUDGET  DIVISION  (for 2X only)	Name:		Name:	
	Title:		Title:	
	Telephone No.:		Telephone No.:	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	Signature:	Date:
CON-  TRACTING  OFFICER	Name:		Name: CLARENCE ABERNATHY	
	Title:		Title: Contracting Officer	
	Telephone No.:		Telephone No. <b>(b) (6)</b>	
	FAX No.:		<b>(b) (6)</b>	
	E-Mail Address:		<b>(b) (6)</b>	
	Signature:	Date:	<b>(b) (6)</b>	Date: 5-4-12

U.S.

Form 236 (05/02)

## INSTRUCTIONS

*Instructions are provided for only those items that need explanation and clarification. Enter N/A where an answer is not applicable.*

### **PART I - ADMINISTRATION**

- |                       |   |
|-----------------------|---|
| Agreement Number -    | Interagency Agreement (IA) number is assigned by U.S. Customs and Border Protection Procurement Division. |
| Option Number -       | Include if the IA contains options and an option is being exercised or modified.                          |
| Task Order Number -   | Include if referenced in the Statement of Work.   |
| Statutory Authority - | Define under what authority the IA is authorized.   |
| Requisition Number -  | The Program Office assigns this number when appropriate.  |

### **PART II - AGREEMENT**

- |                 |  |
|-----------------|--|
| Scope of Work - | Briefly summarize the statement of work. If the agreement is being modified, describe why the modification is being issued <b>(not the accounting strip)</b> |
| Attachments -   | Check the appropriate boxes to indicate documents attached to CF236.   |

### **PART III - FUNDING**

- (1) Include line item numbers, accounting strips, and price for each.
- (2) For modification show how the prices are changed for the line items and show the revised total.
- (3) Include in the price adjustments, for all prior modifications, (under the currently funded IA) to show logic of changes to the price of the IA.
- (4) Insert in the Grand Total block the total amount, or revised total of the funded IA.

### **PART IV - BILLING/PAYMENT**

This part is self-explanatory.

### **PART V - APPROVALS**

- |                                    |  |
|------------------------------------|--|
| U.S. Customs and Border Protection | Provide complete information for all required Approving Officials.                                       |
| Participating Agency               | Include information requested only for those Approving Officials that are required by your organization. |

**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION**

**INTERAGENCY AGREEMENT**

**PART I**

<b>U.S. Customs and Border Protection</b>	Agreement No.	HSBP1010X00180	Modification No.	P00004
	Option No.		Task Order No.	
Statutory Authority ECONOMY ACT (31 U.S.C. 1535)		Requisition No. 0020057641	Date Prepared 04/13/12	
Name and Address of Customs Organization (Office or Division Responsible for Agreement) DHS - Customs & Border Protection CBP 1901 South Bell Street  Arlington VA 22202		Performance Location  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St. NW  WASHINGTON DC 20240		
<b>Participating Agency</b>	Agreement No.		Modification No.	
	Option No.		Task Order No.	
Statutory Authority		Requisition No.	Date Prepared	
Name and Address of Participating Organization (Office or Division Responsible for Agreement) Department of the Interior  1849 C Street NW  Washington DC 20248-0001		Performance Location  DEPARTMENT OF THE INTERIOR OFFICE OF THE SECRETARY OFFICE OF LAW ENFORCEMENT AND SECURITY 1849 C ST. NW, MS-3409, WASHINGTON DC 20248		

**PART II**

*All acquisitions made under this Agreement shall comply with the Competition in Contracting Act, P.L. 98-369, and regulations pertaining thereto.*

<b>Scope of Work:</b> 1. The purpose of this no cost modification is to change the block checked "Monthly" to "Advanced," on Page 2, Part IV of Modification P00002, to allow for the advanced payment associated with the \$8M Conservation Action project. 2. As a result this action, the IAA amount remains \$17,812,803.00. 3. All other terms and condition remain the same.	<b>Period of Performance:</b> From 09/28/2010 To 09/30/2015	
	<b>Base Price of Funded IA:</b>	\$17,812,803.00
	<b>Amount of this Modification:</b>	\$0.00
	<b>Overhead:</b>	\$0.00
	<b>Total Price of IA:</b>	\$17,812,803.00
<b>Attachments:</b>	<input type="checkbox"/> Terms and Conditions of Agreement <input type="checkbox"/> Statement of Work <input type="checkbox"/> Quantity and Unit Price <input type="checkbox"/> Determinations and Findings <input type="checkbox"/> Option Period Dates <input type="checkbox"/> Form 236A <input type="checkbox"/> Market Research Findings <input type="checkbox"/> Other _____	

**PART III**

**Special Instruction: U.S. Customs and Border Protection Interagency Agreement Number and Project Code must be referenced on every invoice/voucher.**

PARTICIPATING AGENCY FUNDING	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	GRAND TOTAL <u>\$17,812,803.00</u>
U. S. CUSTOMS AND BORDER PROTECTION FUNDING	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	GRAND TOTAL <u>\$17,812,803.00</u>

**PART IV**

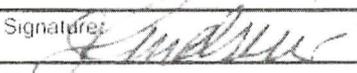
Check Appropriate Boxes:  Transfer Appropriation  Billing for actual cost incurred  
 Other \_\_\_\_\_

Monthly  Quarterly  Semi-Annual  Annual  Advanced  Reimbursable Direct Fund Cite

BILLING / PAYMENT	PARTICIPATING AGENCY	U.S. CUSTOMS AND BORDER PROTECTION
	Agency Locator Code: 14010001	Agency Locator Code: 70050800
	BPN No.: 130907426	BPN No.: DUNS# 879824324
	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230	Address: DHS - Customs & Border Protection National Finance Center  PO Box 68908 Indianapolis IN 46268
	Point of Contact: MISTY FOSTER	Point of Contact: (b) (6)
	Telephone No.: 303-969-7454	Telephone No.: (b) (6)
	FAX No.:	FAX No.: (b) (6)
	E-Mail Address: MISTY_FOSTER@NBC.GOV	E-Mail Address: (b) (6)

U.S. Customs and Border Protection Form 236 (05/02)

APPROVALS

		PARTICIPATING AGENCY		U.S. CUSTOMS AND BORDER PROTECTION	
PROGRAM  OFFICE	Name:	IONATHAN M. ANDREW		Name:	
	Title:	INTERAGENCY BORDERLAND COORDINATOR		Title:	
	Telephone No.:	202-208-7431		Telephone No.:	
	FAX No.:			FAX No.:	
	E-Mail Address:	IONATHAN.ANDREW@IDS.DOI.GOV		E-Mail Address:	
	Signature:		Date:	5-11-12	Signature:
C O T R	Name:			Name: <b>(b) (6)</b>	
	Title:			Title:	
	Telephone No.:			Telephone No.: <b>(b) (6)</b>	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		Signature: <b>(b) (6)</b>
PROGRAM  BUDGET OFFICE(R)	Name:			Name:	
	Title:			Title:	
	Telephone No.:			Telephone No.:	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		Signature:
BUDGET DIVISION  (for 2X only)	Name:			Name:	
	Title:			Title:	
	Telephone No.:			Telephone No.:	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		Signature:
CON- TRACTING OFFICER	Name:			Name: CLARENCE ABERNATHY	
	Title:			Title: Contracting Officer	
	Telephone No.:			Telephone No.: <b>(b) (6)</b>	
	FAX No.:			FAX No.:	
	E-Mail Address:			E-Mail Address:	
	Signature:		Date:		Signature:

**(b) (6)**

## INSTRUCTIONS

*Instructions are provided for only those items that need explanation and clarification. Enter N/A where an answer is not applicable.*

### **PART I - ADMINISTRATION**

- |                       |   |
|-----------------------|---|
| Agreement Number -    | Interagency Agreement (IA) number is assigned by U.S. Customs and Border Protection Procurement Division. |
| Option Number -       | Include if the IA contains options and an option is being exercised or modified.                          |
| Task Order Number -   | Include if referenced in the Statement of Work.   |
| Statutory Authority - | Define under what authority the IA is authorized.   |
| Requisition Number -  | The Program Office assigns this number when appropriate.  |

### **PART II - AGREEMENT**

- |                 |  |
|-----------------|--|
| Scope of Work - | Briefly summarize the statement of work. If the agreement is being modified, describe why the modification is being issued <b>(not the accounting strip)</b> |
| Attachments -   | Check the appropriate boxes to indicate documents attached to CF236.   |

### **PART III - FUNDING**

- (1) Include line item numbers, accounting strips, and price for each.
- (2) For modification show how the prices are changed for the line items and show the revised total.
- (3) Include in the price adjustments, for all prior modifications, (under the currently funded IA) to show logic of changes to the price of the IA.
- (4) Insert in the Grand Total block the total amount, or revised total of the funded IA.

### **PART IV - BILLING/PAYMENT**

This part is self-explanatory.

### **PART V - APPROVALS**

- |                                    |  |
|------------------------------------|--|
| U.S. Customs and Border Protection | Provide complete information for all required Approving Officials.                                       |
| Participating Agency               | Include information requested only for those Approving Officials that are required by your organization. |

**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION  
INTERAGENCY AGREEMENT  
(IAA)**

<b>1. Agreement No.</b> HSBP1010X00180	<b>2. Modification No.</b> P00005	<b>3. Order No.</b>	<b>4. Requisition No.</b> 0020057641		
<b>5. Period of Performance</b> From 09/28/2010 To 09/30/2015		<b>6. Statutory Authority</b> ECONOMY ACT (31 U.S.C 1535)			
<b>8. Requesting Agency</b> Agency Name: DHS - Customs & Border Protection Office/Division: CBP POC: CLARENCE ABERNATHY Address: 1901 South Bell Street Arlington VA 22202 POC Phone No.: (b) (6)		<b>9. Servicing Agency</b> Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:			
<b>7. Date IAA Prepared</b> 12/04/2013					
<b>10. Scope of Work</b> a. The purpose of this no cost modification is to address the changes in the attached Performance Description Worksheets (PDWs). b. As a result this action, the IAA amount remains \$17,812,803.00. c. All other terms and condition remain the same.					
<b>11. Delivery/Shipping Schedule</b>  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW  WASHINGTON DC 20240					
<b>12. IAA Amount</b>		<b>13. Billing and Payment</b>			
Base Price of IAA \$17,812,803.00		<b>Requesting Agency</b>			
Modification Amount \$0.00		<b>Servicing Agency</b>			
Assisted Acquisition Servicing Fee \$0.00		Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection National Finance Center PO Box 68908 Indianapolis IN 46268 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)		Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: POC Email: MISTY_FOSTER@NBC.GOV	
Total IAA Price \$17,812,803.00					
<b>14. Requesting Agency TAS No.</b> 10 70X0533 20 70X0533 30 702/40533		<b>15. Servicing Agency TAS No.</b>			

**16. Invoice/Payment Method**

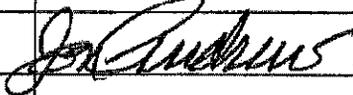
- Requesting Agency Initiate IPAC
  - Servicing Agency Initiate IPAC
  - Credit Card
  - Other (explain below)
- 

**17. Billing Frequency**

- Monthly
  - Quarterly
  - Semi-annually
  - Annual
  - Advanced Payment (explain below)
- 
- Other (explain below)
- 

**18. Requesting Agency Accounting and Appropriation Data**

10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name				JONATHAN M. ANDREW	
Title				INTERAGENCY BORDERLAND COORDINATOR	
Telephone No.				202-208-7431	
Fax No.					
Email				JONATHAN_ANDREW@IOS.DOL.GOV	
Signature					
		Date:		12-9-13	
Funding Officials					
Name					
Title					
Telephone No.					
Fax No.					
Email					
Signature				Date:	
				Date:	
Contracting Officials					
Name		CLARENCE ABERNATHY			
Title		Contracting Officer			
Telephone No.		(b) (6)			
Fax No.					
Email		(b) (6)			
Signature		(b) (6)		Date:	
				12-12-13	
				Date:	

DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT  
(IAA)

INSTRUCTIONS

**Block 1:** Insert IAA number (automatic system populated).

**Block 2:** Insert modification number of the IAA (automatic system populated).

**Block 3:** Insert IAA order number (automatic system populated).

**Block 4:** Insert IAA requisition number (automatic system populated).

**Block 5:** Insert period of performance for the IAA.

**Block 6:** Insert statutory authority for the IAA.

**Block 7:** Insert date the IAA was prepared (automatic system populated).

**Block 8:** Insert requesting agency information.

**Block 9:** Insert servicing agency information.

**Block 10:** Insert a brief description of the IAA requirements (scope of work) and list the applicable attachments in this block. At a minimum, the attachments should include the IAA terms and conditions, statement of work, and analysis of alternative, if applicable.

**Block 11:** Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.

**Block 12:** Insert the base price of the IAA, modification amount, assisted acquisition servicing fee, and total IAA price--automatic system populated.

**Block 13:** Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).

**Block 14:** Insert the requesting agency TAS number for each line item (automatic system populated).

**Block 15:** Insert the servicing agency TAS number for each line item (automatic system populated).

**Block 16:** Check the invoice/payment method for the IAA and explain if "other" is selected.

**Block 17:** Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.

**Block 18:** Insert the requesting agency accounting and appropriation data per line item (automatic system populated).

**Block 19:** Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180**

**Project Description Worksheet: Mitigation Coordinator**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested a modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW) there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Mitigation Coordinator

  X   IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed within the previously approved schedule are: The Border Mitigation Coordinator position is an FTE for 4 years but the IAA is for 5 years, leaving the program without a Coordinator in the final year. Because there is still a level of effort (IPAC reports, COR duties to close-out contracts, tracking government property, invoicing, etc) needed in the fifth year, it was requested that the Border Mitigation Coordinator assume a ½ FTE for fiscal years 2014 and 2015. This will ensure, to the extent possible, that the Coordinator will oversee the completion of the IAA conservation actions and terms of agreement through to the end of the IAA.

No additional funding is requested to meet this change in FTE status. There is adequate budget for any travel, office equipment needs, and cell phone charges to cover this POP extension timeframe.

**CBP Concurrence**

CBP has reviewed and approves the changes.

**(b) (6)**

Division Director \_\_\_\_\_ 11/27/13  
Title Real Estate and Environmental Date  
Services

**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180  
Project Description Worksheet: Implement jaguar, bat, and soil  
stabilization conservation measures in the Naco-Douglas-Sasabe  
Biological Opinion 22410-2007-F-0416**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Implement jaguar, bat, and soil stabilization conservation measures in the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416

**X SOW, Art. II., D: The Action is no longer feasible and/or possible.**

X Unused funds in the amount of \$84,000 are transferred to an on-going Action: Border-wide Mexican and lesser long-nosed bat roost protection, roost inventory, roost monitoring, and movement study. Unused funds in the amount of \$90,000 are reallocated to intensive ocelot surveys within this Action.

X DOI certifies that the Action described in the original PDW cannot be completed satisfactorily and releases CBP from any obligation to complete the Action. CBP is also released from the related conditions included in the Biological Opinion for Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416.

Additional Comments: DOI believes the \$84,000 was an insufficient level of funding to accomplish the objectives of lesser long-nosed bat foraging plant replacement and stabilization and revegetation of disturbed soils called for in the original PDW. By combining the \$84,000 with the border-wide bat project, DOI will be better able to assess bat roosts and protect those roosts that are in imminent threat or those needing additional protections.

DOI will use up to \$90,000 to add up to five intensive surveys for ocelots, if detected, to the existing contract for jaguar surveying and monitoring. The intensive surveys for ocelots are similar to those for jaguars as described in the original PDW. Ocelot and jaguar habitats overlap and information gathered from intensive surveys will assist DOI in better understanding each species' use of habitat in Arizona.

X IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed within the previously approved schedule are:

DOI will need the additional year to complete the anticipated jaguar survey and monitoring on the Tohono O'odham Nation (TON). The camera surveys need to be deployed for three field seasons and the work on TON is one year behind the current contracted effort with UA. Additionally, there are a number of other projects that need to be implemented; because some of them rely on other work being accomplished first, DOI needs to account for the follow-on work timelines.

**CBP Concurrence**

CBP has reviewed and approves the changes.

(b) (6)

Division Director \_\_\_\_\_ 11/27/13  
Title Real Estate and Environmental Services Date

**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180**

**Project Description Worksheet: Implement Sonoran pronghorn and  
lesser long-nosed bat conservation measures in Biological Opinion  
22410-2008-F-0011, Organ Pipe Cactus National Monument,  
Arizona**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Implement Sonoran pronghorn and lesser long-nosed bat conservation measures in Biological Opinion 22410-2008-F-0011, Organ Pipe Cactus National Monument, Arizona

X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: The additional time will allow for extended maintenance – resulting in lower probability of loss of agave seedlings to non-native species infestations, rodent and deer damage – and more monitoring data.

**CBP Concurrence**

CBP has reviewed and approves the changes.

**(b) (6)**

Division Director 11/24/13  
Title Ron Egan and Environmental Date  
Sciences



**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180  
Project Description Worksheet: Rio Yaqui Fish Studies**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Rio Yaqui Fish Studies

  X   **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: DOI needs to account for delays during construction of the fish barrier and completion of field work. Rushing the field work and analysis of the fish study would potentially cause poor or incorrect results.

**CBP Concurrence**

CBP has reviewed and ~~appro~~ves the changes.

**(b) (6)**

\_\_\_\_\_  
Title Division Director Date 11/27/13  
Ron Estate and Environmental  
Services



**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180  
Project Description Worksheet: Coronado National Memorial  
Agave Restoration**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Coronado National Memorial Agave Restoration

X  **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: DOI has scheduled and budgeted work for the entire new period of performance. This time extension would give DOI more time for maintenance of the agave seedlings, ensuring higher plant survival, and more monitoring data to support future restoration.

**CBP Concurrence**

CBP has reviewed and approves the changes.

**(b) (6)**

Division Director      11/22/13  
Title Ron Lester and Educational Services      Date

**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180  
Project Description Worksheet: Northern Aplomado Falcon  
Reintroduction and Habitat Restoration**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Northern Aplomado Falcon Reintroduction and Habitat Restoration

**X IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The proposed completion date is September 30, 2015.

The reasons that the Action could not be completed are: The IAA was signed after the estimated start of this project in 2010, and the first year of funding was necessarily postponed for one year. A time extension would allow DOI to collect longer-term survey and monitoring data of the reintroduced northern aplomado falcons and grassland restoration results. This extension would provide higher quality scientific information for formulating future recovery efforts.

**CBP Concurrence**

CBP has reviewed and approves the changes.

**(b) (6)**

Division Director      11/27/13  
Title Rural Estate and Environmental Services      Date



**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION  
INTERAGENCY AGREEMENT  
(IAA)**

<b>1. Agreement No.</b> HSBP1010X00180		<b>2. Modification No.</b> P00006		<b>3. Order No.</b>		<b>4. Requisition No.</b> 0020057641			
<b>5. Period of Performance</b> From 09/28/2010 To 09/30/2015			<b>6. Statutory Authority</b> ECONOMY ACT (31 U.S.C 1535)			<b>7. Date IAA Prepared</b> 10/21/2014			
<b>8. Requesting Agency</b> Agency Name: DHS - Customs & Border Protection Office/Division: CBP POC: CLARENCE ABERNATHY Address: 1901 South Bell Street Arlington VA 22202 POC Phone No.: (b) (6)					<b>9. Servicing Agency</b> Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:				
<b>10. Scope of Work</b> a. The purpose of this no cost modification is for the acquisition and deployment of ocelot collars. The change would reallocate \$110,000 in remaining funds within the 200K task from land acquisition to acquisition and deployment of radio collars, the primary purpose of which would still be ocelot conservation in the Lower Rio Grande Valley area of Texas. b. This action will not result in an increase in the IAA amount or a longer than five year POP for the IAA. c. The change request was submitted by DOI and is supported by the BPFTI PMO. d. As a result of this action, the IAA amount remains \$17,812,803.00. The period of performance end date remains unchanged. e. All other terms and condition remain the same.									
<b>11. Delivery/Shipping Schedule</b>  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW  WASHINGTON DC 20240									
<b>12. IAA Amount</b>				<b>13. Billing and Payment</b>					
Base Price of IAA		\$17,812,803.00		<b>Requesting Agency</b>			<b>Servicing Agency</b>		
Modification Amount	\$0.00		Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, Suite 100 Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)			Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV			
Assisted Acquisition Servicing Fee	\$0.00								
Total IAA Price	\$17,812,803.00								
<b>14. Requesting Agency TAS No.</b>					<b>15. Servicing Agency TAS No.</b>				
10	70X0533					10 00000000			
20	70X0533					20 00000000			
30	702/40533					30 00000000			

CBP Form 236 (10/13)

<p><b>16. Invoice/Payment Method</b></p> <p><input type="checkbox"/> Requesting Agency Initiate IPAC</p> <p><input type="checkbox"/> Servicing Agency Initiate IPAC</p> <p><input type="checkbox"/> Credit Card</p> <p><input type="checkbox"/> Other (explain below)</p> <p>_____</p>	<p><b>17. Billing Frequency</b></p> <p><input type="checkbox"/> Monthly</p> <p><input type="checkbox"/> Quarterly</p> <p><input type="checkbox"/> Semi-annually</p> <p><input type="checkbox"/> Annual</p> <p><input checked="" type="checkbox"/> Advanced Payment (explain below)</p> <p>_____</p> <p><input type="checkbox"/> Other (explain below)</p> <p>_____</p>
--	--

**18. Requesting Agency Accounting and Appropriation Data**

10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 TAS# 70X0533
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 TAS# 70X0533
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532 TAS# 702/40533

19. Approvals		
Program Officials	Requesting Agency	Servicing Agency
Name		JONATHAN M. ANDREW
Title		INTERAGENCY BORDERLAND COORDINATOR
Telephone No.		202-208-7431
Fax No.		<i>Jonathan Andrew</i>
Email		JONATHAN_ANDREW@IOS.DOI.GOV
Signature		Date: 10-31-14
<b>Funding Officials</b>		
Name		
Title		
Telephone No.		
Fax No.		
Email		
Signature		Date:
<b>Contracting Officials</b>		
Name	CLARENCE ABERNATHY	
Title	Contracting Officer	
Telephone No.	(b) (6)	
Fax No.		
Email	(b) (6)	
Signature	(b) (6)	Date: 10-4-14

DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT  
(IAA)

INSTRUCTIONS

- Block 1:** Insert IAA number (automatic system populated).
- Block 2:** Insert modification number of the IAA (automatic system populated).
- Block 3:** Insert IAA order number (automatic system populated).
- Block 4:** Insert IAA requisition number (automatic system populated).
- Block 5:** Insert period of performance for the IAA.
- Block 6:** Insert statutory authority for the IAA.
- Block 7:** Insert date the IAA was prepared (automatic system populated).
- Block 8:** Insert requesting agency information.
- Block 9:** Insert servicing agency information.
- Block 10:** Insert a brief description of the IAA requirements (scope of work) and list the applicable attachments in this block. At a minimum, the attachments should include the IAA terms and conditions, statement of work, and analysis of alternative, if applicable.
- Block 11:** Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.
- Block 12:** Insert the base price of the IAA, modification amount, assisted acquisition servicing fee, and total IAA price--automatic system populated.
- Block 13:** Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).
- Block 14:** Insert the requesting agency TAS number for each line item (automatic system populated).
- Block 15:** Insert the servicing agency TAS number for each line item (automatic system populated).
- Block 16:** Check the invoice/payment method for the IAA and explain if "other" is selected.
- Block 17:** Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.
- Block 18:** Insert the requesting agency accounting and appropriation data per line item (automatic system populated).
- Block 19:** Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION  
INTERAGENCY AGREEMENT  
(IAA)**

<b>1. Agreement No.</b> HSBP1010X00180	<b>2. Modification No.</b> P00007	<b>3. Order No.</b>	<b>4. Requisition No.</b> 0020057641
<b>5. Period of Performance</b> From 09/28/2010 To 09/30/2017		<b>6. Statutory Authority</b> ECONOMY ACT (31 U.S.C 1535)	<b>7. Date IAA Prepared</b> 10/21/2014
<b>8. Requesting Agency</b> Agency Name: DHS - Customs & Border Protection Office/Division: CBP POC: Yolanda S. Brown Address: 1901 South Bell Street Arlington VA 22202 POC Phone No.: (b) (6)		<b>9. Servicing Agency</b> Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:	
<b>10. Scope of Work</b> a. The purpose of this no cost modification is as follows: 1. Transfer funds in the amount of \$ (b)(3) from 200J to 200F. As a result, 200J is decreased from (b)(3) 200J is increased from (b)(3) (See attached) 2. In addition, \$15,000.00 is transferred from 200B-jaguar to 200D-SBNWR, for additional gabion wall construction. As a result 200B is reduced from \$2,035,000.00 to \$2,020,000.00. 200D is increased from \$657,480.00 to \$672,480.00. (See attached) b. The period of performance is extended to Sep 30, 2017. c. The change request was submitted by DOI and is supported by the BPFTI PMO. d. The IAA amount remains \$17,812,803.00.			
<b>11. Delivery/Shipping Schedule</b>  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW  WASHINGTON DC 20240			
<b>12. IAA Amount</b>		<b>13. Billing and Payment</b>	
Base Price of IAA \$17,812,803.00		<b>Requesting Agency</b>	
Modification Amount	\$0.00	Locator Code: 70050800	<b>Servicing Agency</b>
Assisted Acquisition Servicing Fee	\$0.00	DUNS #: DUNS# 879824324	Locator Code: 14010001
Total IAA Price	\$17,812,803.00	Address: DHS - Customs & Border Protection Commercial Accounts Sect  6650 Telecom Drive, Suite 100 Indianapolis IN 46278	DUNS #: 130907426
		POC: (b) (6)	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230
		POC Phone #: (b) (6)	POC: MISTY FOSTER
		POC Fax #: (b) (6)	POC Phone #: 303-969-7454
		POC Email: (b) (6)	POC Fax #: (b) (6)
			POC Email: MISTY_FOSTER@NBC.GOV
<b>14. Requesting Agency TAS No.</b>		<b>15. Servicing Agency TAS No.</b>	
10	70X0533 _____	10	_____00000000_____
20	70X0533 _____	20	_____00000000_____
30	702/40533 _____	30	_____00000000_____

**16. Invoice/Payment Method**

- Requesting Agency Initiate IPAC  
 Servicing Agency Initiate IPAC  
 Credit Card  
 Other (explain below)
- 

**17. Billing Frequency**

- Monthly  
 Quarterly  
 Semi-annually  
 Annual  
 Advanced Payment (explain below)  

---

 Other (explain below)

**18. Requesting Agency Accounting and Appropriation Data**

10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 TAS# 70X0533
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 TAS# 70X0533
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532 TAS# 702/40533

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name	(b) (6)	JONATHAN M. ANDREW			
Title	Environmental Branch Chf	INTERAGENCY BORDERLAND COORDINATOR			
Telephone No.	(b) (6)	202-208-7431			
Fax No.					
Email	(b) (6)	JONATHAN_ANDREW@IOS.DOI.GOV			
Signature		Date:		Date:	6-2-15
Funding Officials					
Name	(b) (6)				
Title	Financial Mgt Br Chf				
Telephone No.	(b) (6)				
Fax No.					
Email	(b) (6)				
Signature		Date:		Date:	
Contracting Officials					
Name	Yolanda S. Brown				
Title	Contracting Officer				
Telephone No.	(b) (6)				
Fax No.					
Email	(b) (6)				
Signature		Date:		Date:	

DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT  
(IAA)

INSTRUCTIONS

**Block 1:** Insert IAA number (automatic system populated).

**Block 2:** Insert modification number of the IAA (automatic system populated).

**Block 3:** Insert IAA order number (automatic system populated).

**Block 4:** Insert IAA requisition number (automatic system populated).

**Block 5:** Insert period of performance for the IAA.

**Block 6:** Insert statutory authority for the IAA.

**Block 7:** Insert date the IAA was prepared (automatic system populated).

**Block 8:** Insert requesting agency information.

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**Block 11:** Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.

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**Block 13:** Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).

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**Block 15:** Insert the servicing agency TAS number for each line item (automatic system populated).

**Block 16:** Check the invoice/payment method for the IAA and explain if "other" is selected.

**Block 17:** Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.

**Block 18:** Insert the requesting agency accounting and appropriation data per line item (automatic system populated).

**Block 19:** Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

**Request for Reduction of Funding on Project Description Worksheet: 200B, Sasabe Biological Opinion (Jaguar) to move Funding to 200D, San Bernardino Valley Mitigation**

**AGENCY:** Department of Interior, U.S. Fish and Wildlife Service (USFWS)

**Project Managers:** (b) (6) Border Mitigation Coordinator, is working with (b) (6) San Bernardino National Wildlife Refuge (SBNWR). Arizona Ecological Services Field Office is in concurrence with the proposed transfer.

**PDW:** As described in Project Description Worksheet (PDW) 200D work will consist of constructing rock and wire erosion control gabions to help slow floodwaters, capture of transported sediment, and will result in reduced creek bed scouring and erosion. These gabions will also mitigate impacts to riparian habitat that have already occurred. Benefits to listed Yaqui fishes and the Huachuca water umber are expected.

**What is the additional task(s)?** Continue building erosion control rock gabions on SBNWR using Refuge work force labor.

**Why change is requested/needed:** The FWS Tucson Office has an immense workload and is unable to effectively expend these funds. Endangered species conservation needs are still significant at SBNWR. The Refuge has the supplies needed to build the rock gabions and can do so with Refuge force labor but has expended all the funding under conservation action 200D. Reallocating these funds from 200B to 200D would allow the funds to be used immediately to benefit endangered species.

All the work expected to be performed under 200B has been completed, or will be completed at the conclusion of existing contracts and Intra-agency agreements.

**Scope Schedule and Budget for the additional task(s):**

**Scope of the task** – Use Refuge work force labor to build and install erosion control rock gabions on SBNWR using existing materials available on site.

**Schedule** –

**May-July 2015:** Notify SBNWR Manager to proceed to spend labor against 200B WBS.  
ECD: July 2015.

**How much would it cost? Total: \$15,000.00**

Concurrence:

Y or  N

  
DOI Borderlands Coordinator

4-20-15

Date

**Request for Additional Task(s) on Project Description Worksheet: 200F, Peninsular Bighorn Sheep**

**AGENCY:** Department of Interior, U.S. Fish and Wildlife Service (USFWS)

**Project Managers:** Patrick Gower, Biologist for Carlsbad Fish and Wildlife Office (FWO), is requesting reallocation of (b)(3) to be used at the San Diego National Wildlife Refuge (SDNWR) for road maintenance and restoration. Jill Terp, Refuge Manager, will be the lead contact for use of the reallocated funds.

**PDW:** Proposed work consists of maintenance on (b) (7)(E) road on SDNWR. A portion of the road is on the (b) (7)(E) portion of the Refuge acquired in part with funds from *200J California Land Acquisition for Arroyo Toad, Quino Checkerspot Butterfly and Coastal California Gnatcatcher* a conservation action previously funded. Upgrading this road and improving driving access on this parcel is essential to Refuge management, including fire and law enforcement activities, and, most importantly for, habitat management, species monitoring, and ecological restoration.

**What is the additional task(s)?** Issue a contract to an 8(a) contractor to perform the road maintenance and upgrading to make sure the road is safe for Refuge personnel and habitats to be managed are accessible to refuge personnel.

**Why change is requested/needed:** The FWS have performed three consecutive seasons of aerial surveying, capture and radio collaring of Peninsular Bighorn Sheep. The information gathered to date from this effort has met the intent of the original conservation action. Specifically, to collect data on sheep movement patterns to aid in assessing the effects of fence construction and alignment, and also to assess impacts of human activity on bighorn habitat use and behavior. There are currently a sufficient number of animals collared and adequate funding for monitoring for the life of the project. Reallocation of the funds to the recommended road maintenance would provide significant benefits to three species potentially impacted by border infrastructure and would enhance management capability and restoration efforts for those species.

Environmental compliance reviews will be completed prior to conducting the road maintenance.

**Scope Schedule and Budget for the additional task(s):**

**Scope of the task** – Contract to restore (b) (7)(E) road adjacent to and within the (b) (7)(E) (b) (7)(E) portion of the SDNWR Complex.

**Schedule** –

**May-July 2015:** Award 8(a) contract to perform road restoration. ECD: July 2015.

**How much would it cost? Total:** (b)(3)

Concurrence:

Y or N

  
DOI Borderlands Coordinator

4-20-15

Date



**Modification in Accordance with the Interagency Agreement  
HSBP1010X00180  
Project Description Worksheet: Peninsular Bighorn Sheep Study**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on May 4, 2012, DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Peninsular Bighorn Sheep Study

**X SOW, Art. II. § C.2: There is a balance remaining after completion of the Action.**

X (b) Remaining funds in the amount of (b)(3)  
The remaining funds in the amount of \$ (b)(3) shall be transferred to another Action. The funds shall be used to restore an access road partially in the (b) (7)(E) portion of the San Diego National Wildlife Refuge (SDNWR) that was acquired with funding from the California Land Acquisition for Arroyo Toad, Quino Checkerspot Butterfly and Coastal California Gnatcatcher Action. It further offsets adverse effects of tactical infrastructure (TI) construction in California on suitable and critical habitat of the following federally threatened and endangered species: arroyo toad [*Anaxyrus (Bufo) californicus*], coastal California gnatcatcher (*Polioptila californica californica*) and Quino checkerspot butterfly (*Euphydryas editha quino*). The restored road will provide law enforcement, emergency service personnel, and refuge personnel access to remote areas of the Refuge.

X DOI certifies that the Actions described in the original PDW for Peninsular Bighorn Sheep Study have been completed satisfactorily.

***Scope of the task –***

The proposed work consists of maintenance of (b) (7)(E) road on SDNWR. A portion of the road is on the (b) (7)(E) portion of the SDNWR. The SDNWR will issue a contract to an 8(a) contractor to perform the road maintenance to ensure the road is safe for travel and the remote habitats in the SDNWR are accessible to SDNWR personnel.

***Schedule –***

The proposed work will be conducted between May 2015 and July 2015 with an estimated completion date of July 31, 2015.



**DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION  
INTERAGENCY AGREEMENT  
(IAA)**

<b>1. Agreement No.</b> HSBP1010X00180		<b>2. Modification No.</b> P00008		<b>3. Order No.</b>		<b>4. Requisition No.</b> 0020057641	
<b>5. Period of Performance</b> From 09/28/2010 To 09/30/2015			<b>6. Statutory Authority</b> ECONOMY ACT (31 U.S.C 1535)			<b>7. Date IAA Prepared</b> 01/24/2017	
<b>8. Requesting Agency</b> Agency Name: DHS - Customs & Border Protection Office/Division: Customs and Border Protection POC: Kerri Bishop Address: 1300 Pennsylvania Ave, NW Procurement Directorate - NP 1310 Washington DC 20229 POC Phone No.: (b) (6)				<b>9. Servicing Agency</b> Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:			
<b>10. Scope of Work</b> The purpose of this modification is to deobligate remaining funds from CLIN 10 in the amount of \$7,716.31 and closeout the DOI PF225 Environmental Mitigation IAA in its entirety.  All final invoices have been paid in full and there are no unresolved issues that preclude IAA closeout.							
<b>11. Delivery/Shipping Schedule</b>  Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW  WASHINGTON DC 20240							
<b>12. IAA Amount</b>				<b>13. Billing and Payment</b>			
Base Price of IAA		\$17,812,803.00		<b>Requesting Agency</b>		<b>Servicing Agency</b>	
Modification Amount	\$7,716.31-	Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect.  6650 Telecom Drive, (b) (6) Indianapolis IN 46278 POC: POC Phone #: (b) (6) POC Fax #: POC Email:		Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: POC Phone #: 303-969-7454 POC Fax #: POC Email: MISTY_FOSTER@NBC.GOV			
Assisted Acquisition Servicing Fee	\$0.00						
Total IAA Price	\$17,805,086.69						
<b>14. Requesting Agency TAS No.</b>				<b>15. Servicing Agency TAS No.</b>			
10	70X0533			10	00000000		
20	70X0533			20	00000000		
30	702/40533			30	00000000		

<p><b>16. Invoice/Payment Method</b></p> <p><input type="checkbox"/> Requesting Agency Initiate IPAC</p> <p><input type="checkbox"/> Servicing Agency Initiate IPAC</p> <p><input type="checkbox"/> Credit Card</p> <p><input type="checkbox"/> Other (explain below)</p> <p>_____</p>	<p><b>17. Billing Frequency</b></p> <p><input checked="" type="checkbox"/> Monthly</p> <p><input type="checkbox"/> Quarterly</p> <p><input type="checkbox"/> Semi-annually</p> <p><input type="checkbox"/> Annual</p> <p><input type="checkbox"/> Advanced Payment (explain below)</p> <p>_____</p> <p><input type="checkbox"/> Other (explain below)</p> <p>_____</p>
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**18. Requesting Agency Accounting and Appropriation Data**

10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 TAS# 70X0533
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 TAS# 70X0533
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532 TAS# 702/40533

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name	(b) (6)			JONATHAN M. ANDREW	
Title	Environmental Branch Chf			INTERAGENCY BORDERLAND COORDINATOR	
Telephone No.	(b) (6)			202-208-7431	
Fax No.				<i>J. Andrew</i>	
Email	(b) (6)			JONATHAN_ANDREW@IOS.DOI.GOV	
Signature	(b) (6)	Date:	01/31/17	Date:	1-27-17
Funding Officials					
Name	(b) (6)				
Title	Financial Mgt Br Chf				
Telephone No.	(b) (6)				
Fax No.					
Email	(b) (6)				
Signature		Date:		Date:	
Contracting Officials					
Name	Kerri Bishop				
Title	Contracting Officer				
Telephone No.	(b) (6)				
Fax No.	(b) (6)				
Email	(b) (6)				
Signature		Date:		Date:	

**ATTACHMENT INFORMATION  
FOR  
AWARD/ORDER/IA MODIFICATION: HSBP1010X00180P00008**

**I.1 52.209-10 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS (NOV 2015)**

**I.2 ACCOUNTING and APPROPRIATION DATA**

<b>ITEM #</b>	<b>ACCOUNTING and APPROPRIATION DATA</b>	<b>AMOUNT</b>
10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 TAS# 70X0533	\$6,805,086.69
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 TAS# 70X0533	\$8,000,000.00
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532 TAS# 702/40533	\$3,000,000.00

**I.3 DELIVERY SCHEDULE**

<b>DELIVER TO:</b>	<b>ITEM #</b>	<b>QTY</b>	<b>DELIVERY DATE</b>
Customs and Border Protection 1300 Pennsylvania Avenue NW Washington, DC 20229	10	1.000	09/30/2015
	20	1.000	09/30/2012
Customs and Border Protection 1301 Constitution Av, NW Washington, DC 20004	30	1.000	09/30/2012

**I.5 SCHEDULE OF SUPPLIES/SERVICES**

<b>ITEM #</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>EXT. PRICE</b>
10	Conservation Actions	1.000	AU	\$6,805,086.69	\$6,805,086.69
20	Conservation Actions	1.000	AU	\$8,000,000.00	\$8,000,000.00
30	Conservation Actions	1.000	AU	\$3,000,000.00	\$3,000,000.00

**Total Funded Value of Award:**

**\$17,805,086.69**

Date: November 21, 2016

TO: (b) (6)  
Contracting Specialist  
Procurement Directorate  
U.S. Customs & Border Protection

FROM: (b) (6)  
Financial Management Branch Chief  
BPAM PMO  
OFAM

SUBJECT: Request for Deobligation – HSBP 1010X00180

The Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI PMO) requests a deobligation modification/close out of the DOI PF225 Environmental Mitigation IAA.

This IAA expired 9/30/2015. BP requests a deobligation of \$7,716.31 from LI 10. This is the only remaining funding and will closeout the agreement. The deob has been entered in SAP.

Please refer any questions (b) (6)

(b) (6)  
Financial Management Branch Chief  
BPAM PMO  
OFAM



DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION  
INTERAGENCY AGREEMENT WITH  
DEPARTMENT OF THE INTERIOR



OFFICE OF THE SECRETARY  
OFFICE OF LAW ENFORCEMENT AND SECURITY

## INTERAGENCY AGREEMENT FINAL REPORT

DELIVERABLE UNDER  
CONTRACT NUMBER 1010X00180

**March 2016**

PRODUCED FOR:  
INTERAGENCY BORDERLAND COORDINATOR  
DEPARTMENT OF THE INTERIOR

PREPARED BY:  
BORDER MITIGATION COORDINATOR  
DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE



## 1.0 INTRODUCTION

This report is the final deliverable under Interagency Agreement (IAA) number 1010X00180, as amended February 2012, between the Department of Homeland Security (DHS) and the Department of the Interior (DOI). The agreement period of performance was between August 25, 2010, to September 30, 2015, and was funded at \$17,812,803.00. Table 1 depicts the allocation of funds for implementation of the 11 conservation actions along the southern border from California to Texas. This report is the culmination of the efforts by the DOI to implement the conservation actions in accordance with the IAA Statement of Work, Project Description Worksheets.

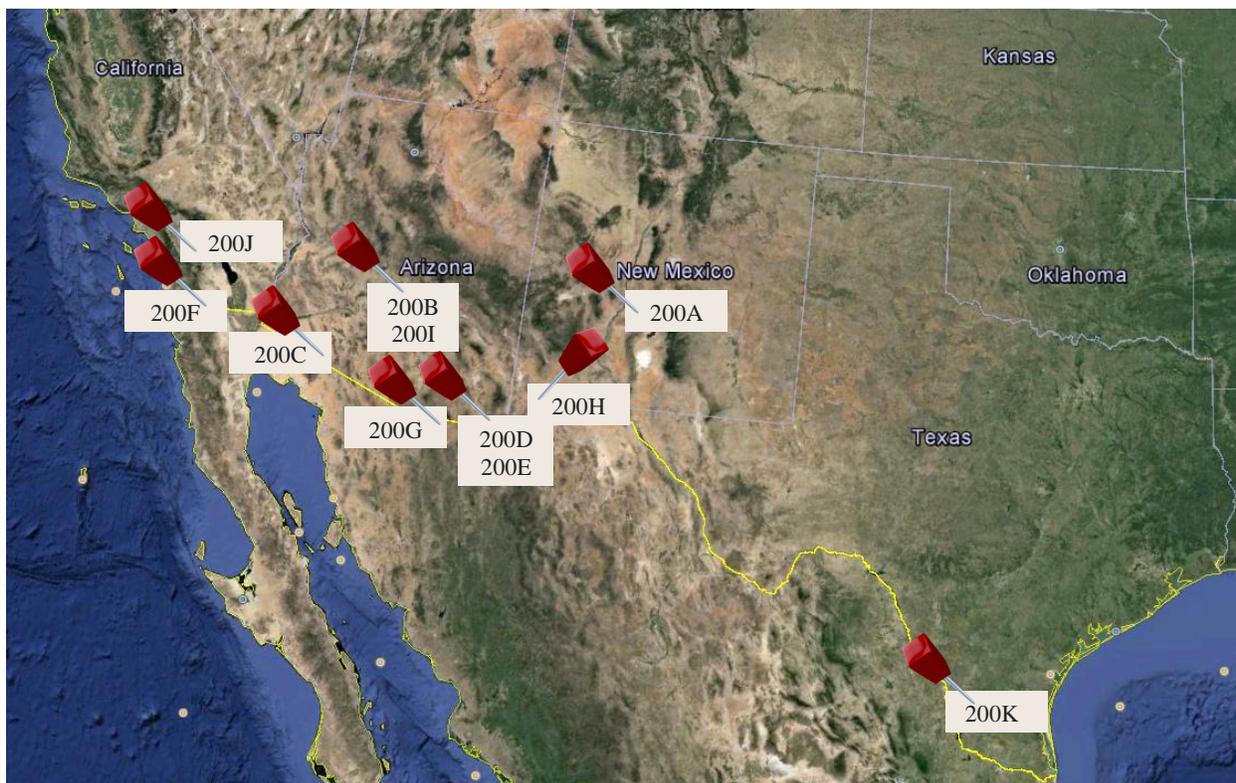
Table 1. Fund Status as of September 30, 2015

<b>Conservation Action Number and Title</b>	<b>Initial Budgeted Amount</b>	<b>Amount Realigned</b>	<b>Amount Unspent</b>
200A Mitigation Coordinator	\$685,500.00	\$0.00	\$0.83
200B Sasabe Biological Opinion	\$2,119,000.00	-\$99,000.00	\$0.68
200C Organ Pipe Cactus NM Biological Opinion	\$980,000.00	\$0.00	\$2,958.05
200D San Bernardino Valley Mitigation	\$657,480.00	+\$15,000.00	\$96.70
200E Rio Yaqui Fish Studies	\$441,250.00	\$0.00	\$0.00
200F Peninsular Bighorn Sheep Study	\$230,000.00	-\$36,808.00	\$0.80
200G Coronado NM Agave Restoration	\$274,873.00	\$0.00	\$1,187.41
200H Northern Aplomado Falcon Reintroduction and Habitat	\$499,700.00	\$0.00	\$12.86
200I Border-wide Bat Conservation	\$925,000.00	+\$84,000.00	\$3,531.01
200J CA Land Acquisition	\$8,000,000.00	+\$36,808.00	\$0.00
200K TX Land Acquisition	\$3,000,000.00	\$0.00	\$0.00
	<b>\$17,812,803.00</b>		<b>\$7,788.35</b>

This final report varies from previous bi-annual reports where we reported what had happened in the previous six - 12 months, a funds status for that timeframe, and a six-month forecast as to what we were expecting to accomplish in the next six months, by conservation action. The final report is formatted to describe how each of the conservation action was implemented by the task(s) as per the project description worksheets followed by how we accomplished each of the task(s) to meet those expectations. Figure 1 illustrates the distribution and general location of all eleven conservation actions. Additionally in Section 3.0, each conservation action has a breakdown of how the funds were spent based on funding line charges (Table 14). This breakdown is represented as a pie-chart, accompanied by a table of expenses. The Statement of Work, Section II(B) stipulated that 40% of the work was to have been accomplished by in-house DOI personnel; the overall percentage was 23%. Conservation Actions 200A, 200C, and 200G exceeded the 40% target; conservation actions 200D and 200E would have exceeded the target if

we account for the materials purchased required for the in-house work to be accomplished. The DOI personnel who managed each of these conservation actions have written up their accomplishments that are referenced in the relevant sections in the Appendices.

Figure 1. Distribution Map of Conservation Actions



Often with government acquisition, there are modifications to the original agreement. As in this case, Custom and Border Protection (CBP) issued seven modifications to this agreement, as highlighted in Table 2. Two of the modifications were to add \$13,000,000 to the original IAA, one was to reset the frequency of the DOI IPACs to CBP for reimbursement, one was to extend the POP of individual conservation actions within the IAA POP to ensure the work would be accomplished within the 5 years of the agreement, and the final type of modifications was to realign funding from one conservation action to another to ensure the funds would be spent on appropriate mitigation.

Table 2. IAA Modifications for IAA 1010X00180

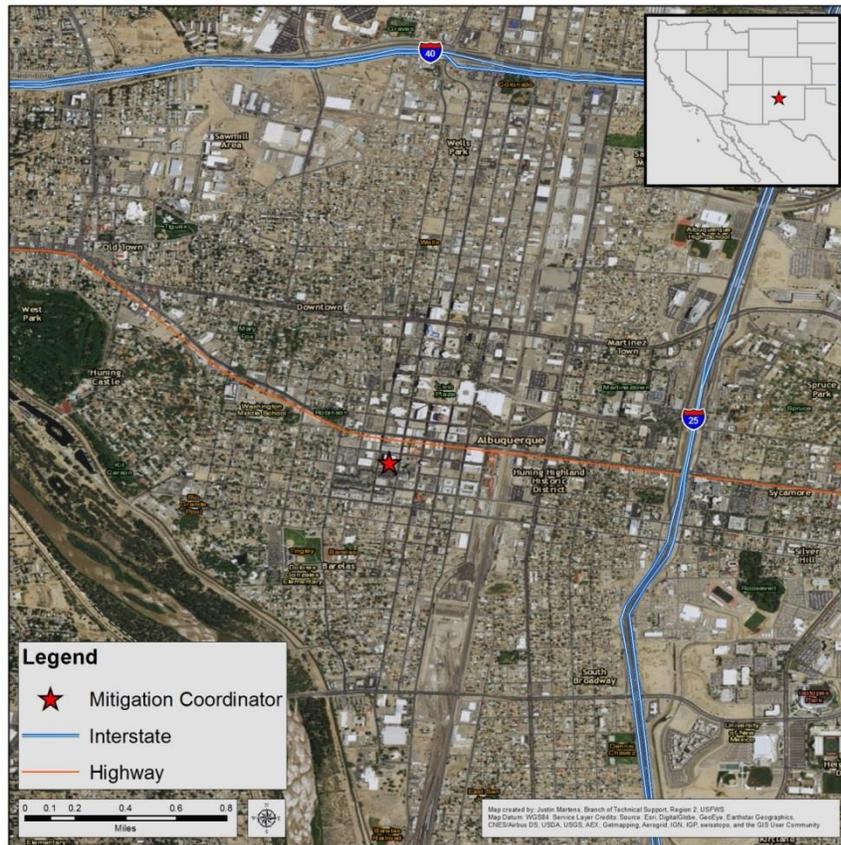
Mod #	Date	Purpose of Modification	“No Cost Mod” or add \$ Mod	Conservation Action(s) Affected
001	8/2/2011	Change frequency of IPAC from DOI to CBP from annual to monthly	No Cost	None
002	2/16/2012	New conservation action (200J: CA Land Acquisition)	\$8,000,000	200J
003	5/4/2012	New conservation action (200K: TX Land Acquisition)	\$3,000,000	200K
004	4/13/2012	Change from Monthly to Advance for the \$8M for 200J: CA Land Acquisition	No Cost	200J
005	12/9/2013	Adjustments to period of performance or realignment of funding on original nine conservation actions, e.g. \$84K from 200B to 200I, allow \$90K on 200B to include ocelot surveys.	No Cost	200A-200I
006	10/31/2014	Realign funding of \$110K from TX land acquisition to acquire and deploy ocelot collars	No Cost	200K
007	6/11/2015	Reallocation of funding from 200F to 200J -- <b>\$36,808</b> Reallocation of funding from 200B to 200D -- <b>\$15,000</b>	No Cost	200F & 200J 200B & 200D

## 2.0 STATUS OF CONSERVATION ACTIONS

This section contains a short summary of what was accomplished to meet each of the conservation actions; additionally, each project lead and/or team wrote up their accomplishments over the past five years which are attached in the appendices. That information is not necessarily included in this section. Each conservation action contains a figure illustrating the project location on a map, the task(s) required under the IAA, a table of the funding breakdown, and a summary description of the work accomplished.

## 2.1 200A- Mitigation Coordinator:

Figure 2. Location Map on Conservation Action 200A



### Task #1: Program Management

- 1a. Track and report project status (6-month, annual, and tri-annual reports)
- 1b. Contract management
- 1c. Coordinate and complete various procedural requirements, realty acquisition and contaminant reviews for T&E species and trust resources, as a result of CBP activities

Table 3. Funding Breakdown on Conservation Action 200A

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Salary & Benefits	\$500,000.00	\$521,980.96	\$0.00	\$521,980.96	\$0.00
Travel	\$50,000.00	\$22,343.88	\$0.00	\$22,343.88	\$0.00
Office Equipment	\$4,000.00	\$2,818.30	\$2,818.30	\$0.00	\$0.00
Cell Phone	\$1,500.00	\$779.38	\$779.38	\$0.00	\$0.00
Vehicle	(\$30,000.00) <sup>1</sup>	\$0.00	\$0.00	\$0.00	\$0.00
PCS	\$125,000.00	\$137,576.64	\$137,576.64	\$0.00	\$0.00
<b>Totals</b>	<b>\$685,500.00</b>	<b>\$685,499.16</b>	<b>\$141,174.32</b>	<b>\$544,324.84</b>	<b>\$0.84</b>

<sup>1</sup> Adding error so a vehicle was not leased or purchased. Mitigation Coordinator used commercial rental car as needed, and charged to Travel.

The roles and responsibilities of the mitigation coordinator were clearly defined in the project description worksheet for this conservation action, also in the statement of work for the IAA. The Border Mitigation Coordinator (BMC) worked closely with all project leads to develop and implement spend plans and to achieve the intended outcomes as described in each of the conservation actions and SOW.

Over the term of the IAA, CBP requested two briefings for updates to supplement the 6-month reports. For both briefings, the BMC worked closely with the CBP COR assigned to the IAA and the DOI Interagency Borderland Coordinator. The BMC drafted the format of the briefings and received approval from the DOI IBC and the CBP COR before initiating feedback from each of the conservation actions for their input into the briefing slides. The BMC coordinated the location and meeting support (IT and catering) for both meetings. The briefing slides and supporting information was provided to the DOI IBC, CBP COR and other CBP managers in attendance.

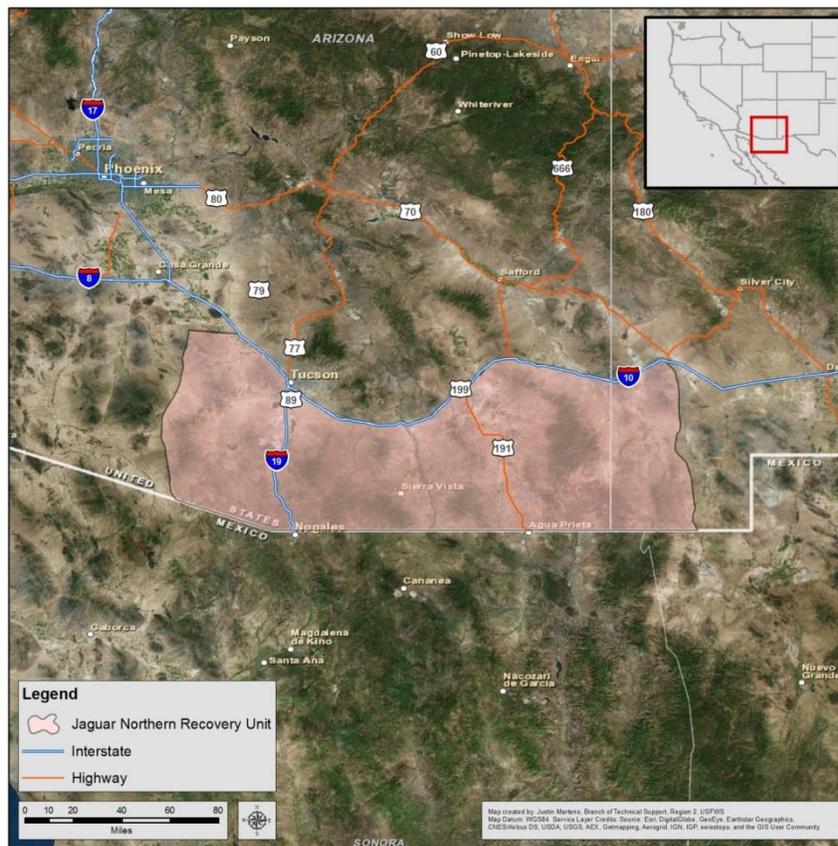
In addition to the bi-annual reports, the BMC also delivered a spend plan after CBP's concerns regarding the rate of obligations as presented in the 2012 Annual Report (dated October 2012). This FY13-FY15 Spend Plan report addressed those comments and concerns from CBP's review of the above referenced annual report. The BMC coordinated with each of the conservation action project leads and verified that they would meet the milestones as agreed to in the spend plan. As with every process, some of the conservation actions met the milestones and some did not. In the end, all but approximately \$7,788.35 was spent; when the FWS closes out the IAA, those funds will be deobligated and "returned" to CBP.

As part of the BMC duties, the BMC became a certified Contracting Officer Representative (COR) and acted in that role for all Region 2 contracts and supported Region 8, as needed. The BMC assisted Organ Pipe Cactus NM with the habitat restoration contract by taking on role of Technical Evaluation Team Chair and drafted the Contractor Award Justification for the NPS Contracting Officer to sign.

The BMC supported the DOI IBC in two major ways, the first by attending two of the Arizona Border Forums (January 2014, and March 2015) and secondly, by participating in the monthly DOI Border Call. The BMC attended the meeting, took notes, provided an AZ project status briefing, and provided a draft of the notes and action items to the DOI IBC afterwards. The BMC participated in over 90% of the monthly border calls initiated by the DOI IBC and provided a status on each of the conservation actions, budget analysis, and timelines of milestones, as needed.

## 2.2 200B- Sasabe Biological Opinion (BO) (jaguar, lesser long-nosed bat, erosion control):

Figure 3. Location Map on Conservation Action 200B



### Task #1: Survey, monitor, conserve, and recover jaguars and their habitat

1a. Jaguar survey and monitoring for 4 years, at the U.S./Mexico border where jaguars are most likely to cross; along potential, historic, and known jaguar travel corridors within the northern jaguar range; and other areas, as appropriate.

1b. Jaguar conservation includes:

1b1 development and implementation of management plans for landowner stewardship,

1b2 outreach and education,  
 1b3 landowner assistance and incentives, and  
 1b4 conservation planning.

Task #2 Road repair – reference Modification #005.

Task #3 Agave planting – reference Modification #005.

Table 4. Funding Breakdown on Conservation Action 200B

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task 1.a: Jaguar Surveying and Monitoring	\$800,000	\$978,287.46	\$978,287.46	\$0.00	\$0.00
Task 1.b.1: Land Stewardship	\$500,000	\$70,067.88	\$70,067.88	\$0.00	\$0.00
Task 1.b.2: Outreach/education	\$200,000	\$292,882.13	\$292,882.13	\$0.00	\$0.00
Task 1.b.3: Landowner assistance and incentives	\$285,000	\$330,086.00	\$330,086.00	\$0.00	\$0.00
Task 1.b.4: Conservation Planning	\$250,000	\$276,394.03	\$197,108.15	\$79,285.20	\$0.68
Task 2: Lesser long-nosed bat foraging plant replacement	\$75,000	\$0.00	\$0.00	\$0.00	\$0.00
Task 3: Stabilization and Revegetation of Disturbed Soils	\$43,500	\$0.00	\$0.00	\$0.00	\$0.00
Reallocation (from Tasks 2 & 3) to 200I -- Interagency Agreement with Forest Service to install roost protections		\$84,000	\$84,000.00 (Table 11)	\$0.00	\$0.00
Reallocation (from Task 1.b.1) to 200D – labor to build gabions (Task#3)		\$15,000	\$15,000.00 (Table 6)	\$0.00	\$0.00
Realignment (from Task 1.b.1) to Buenos Aries NWR– labor for habitat enhancement		\$73,000	\$0.00	\$72,282.50	\$0.00
<b>Totals</b>	<b>\$2,119,000.00</b>	<b>\$2,119,000.00</b>	<b>\$1,868,431.62</b>	<b>\$151,567.70</b>	<b>\$0.68</b>

The tasks required under this conservation action are based on the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-04160 to meet CBP mitigation requirements. During the development of a spend plan for this work, it was decided that allocating the funds for tasks 2 and 3 would be better spent on 200I – Border-wide Bats. After receiving approval to do the reallocation under modification #005, a consultation letter from the Tucson ES FO was issued to support this decision. The remaining work, Task #1, focused on gathering and collating natural history on the jaguar within the Northern Recovery Unit as determined by the Jaguar Recovery Team. The information garnered from the contracts has assisted the biologists and the Jaguar Recovery Team in developing many tools for managing and protecting jaguars and their habitat. The draft of the jaguar recovery plan was also moved forward because of the time the field biologists were able to dedicate to its development. One key aspect of protecting jaguars is getting the correct information to the public.

After the first year, we had to make adjustments as to what we were going to do and how we were going to spend these funds. For example, after the submission of the first 6-month report, we were told by CBP that we couldn't use the funds for cooperative agreements or grants because the funding source agency could not. Under the Economy Act, one Federal agency cannot give funds to another Federal agency to spend those funds in a manner that the funding agency cannot. CBP cannot fund cooperative agreements or grants, and therefore, neither could the DOI agencies. Another change occurred during the CBP briefing in June 2012, CBP made it clear that we couldn't spend funds in Mexico or for Mexican nationals. These two restrictions caused the Tucson ES FO to reassess how they were going to obligate and spend the funds because they had originally planned on using cooperative agreements and grants to bring in local and Mexican experts to do work in Mexico and with Mexican landowners, especially tasks 1b1, 1b2, and 1b3, and for task 1a - jaguar surveying and monitoring throughout the entire Northern Recovery Unit and not just the area north of the border.

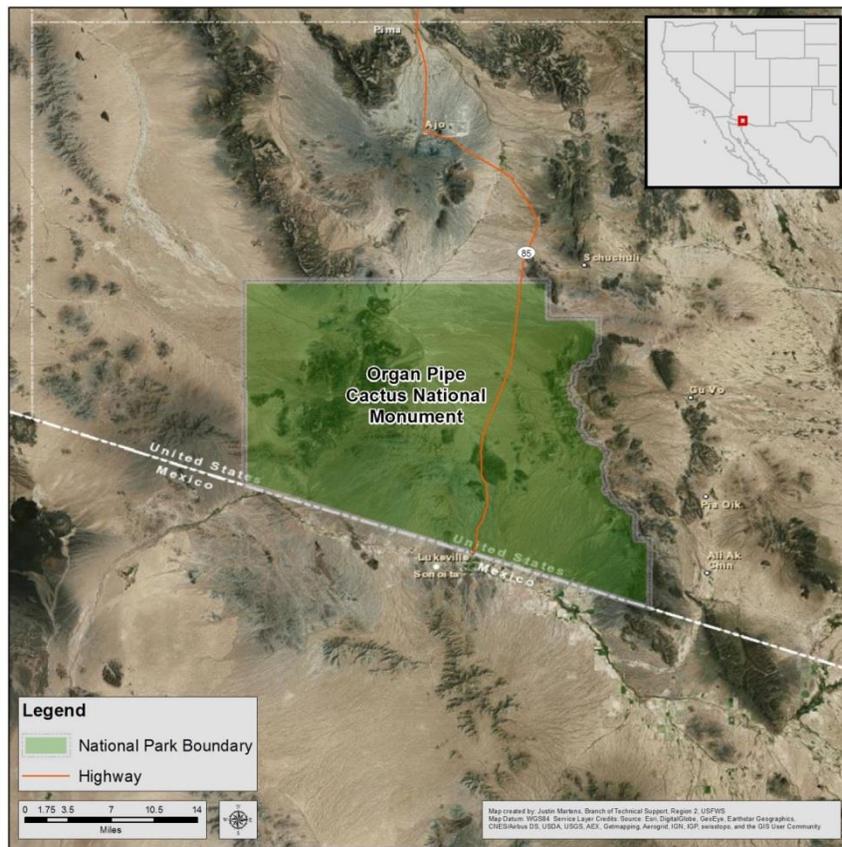
We were able to overcome these issues and focused our efforts on what could be done in the United States using American contractors and experts. A number of contracts were issued to small business contractors, universities, not-for-profit organizations, and the Tohono O'odham Nation. We also issued two intra-agency agreements with the BLM. While most of the work was accomplished under contracts, the field biologists did spend time writing the Jaguar Recovery Plan as in-house labor. Due to the contract with Tohono O'odham Nation completed with excess funds, we were able charge labor hours to the habitat restoration effort at Buenos Aires NWR.

There were a number of contract deliverables that will greatly benefit the jaguar and ocelots along the southern border. For example, a contractor studied a number of existing corridor enhancements for roadways and provided those examples along with potential sites along AZ

and NM to place them for jaguar and ocelot crossings. Because the crossing recommendations were adaptable, Texas Fish and Wildlife Service used them as mitigation options for ocelots in southern Texas. The information from the jaguar survey and monitoring projects provided scientifically sound data for the outreach/education contractor to use to build an education program and to develop the recovery plan. For the landowner assistance and incentives, instead of spending those funds on Mexican landowners for habitat enhancements in Mexico, we were able to gather important information about American landowner opinions and provide them with incentive programs here in the United States.

**2.3 200C- Organ Pipe Cactus National Monument (ORPI) BO:**

Figure 4. Location Map on Conservation Action 200C



Task #1: Restore 84 acres of damaged lands and invasive species management

Task #2: Sonoran pronghorn water

Table 5. Funding Breakdown on Conservation Action 200C

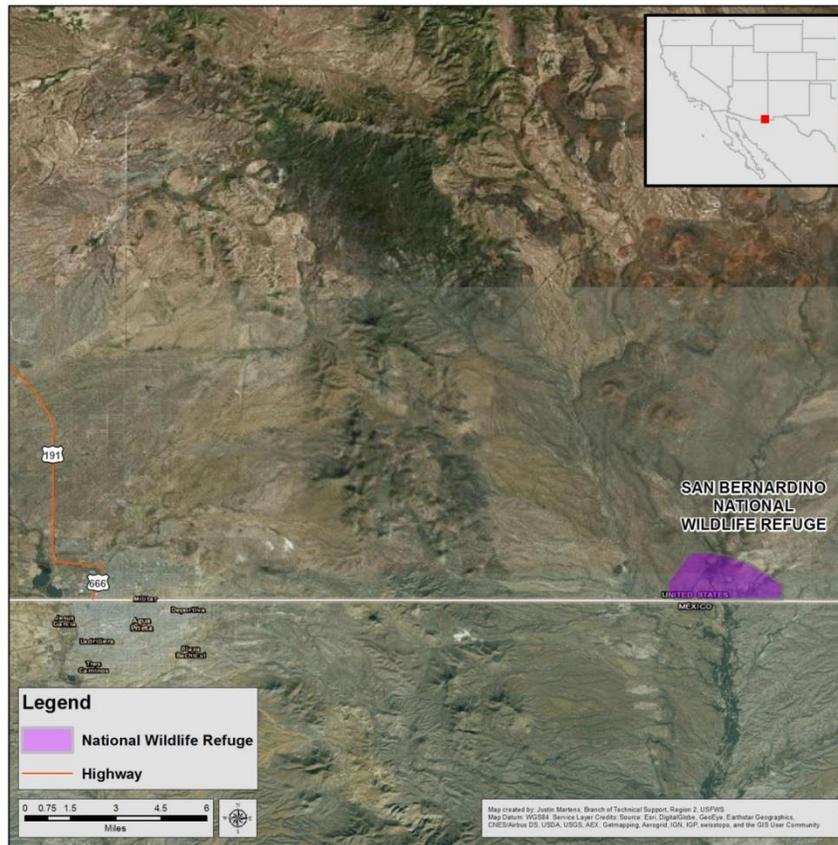
<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: Habitat Restoration	\$955,000.00	\$980,000.00	\$537,302.56	\$439,739.39	\$2,958.05
Task #2: Sonoran pronghorn water	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Totals</b>	<b>\$980,000.00</b>	<b>\$980,000.00</b>	<b>\$537,302.56</b>	<b>\$439,739.39</b>	<b>\$2,958.05</b>

The tasks required under this conservation action are based on the Lukeville Biological Opinion 22410-2008-F-0011 to meet CBP mitigation requirements. Task #1 required the Park to restore 84 acres, approximately 55 miles, for the Sonoran pronghorn antelope and the lesser long-nosed bat, and Task #2 was to create and maintain three emergency water sources for the Sonoran pronghorn antelope. Due to the timing of the release of funding, the Park determined to use other funds to install the emergency water sources, those funds were used to support Task #1. The habitat restoration task took longer than expected due to a number of reasons; nevertheless, we were able to complete all the environmental reviews (issued an Environmental Assessment and signed a FONSI, and performed and completed Section 106 Archeological Surveys of the project area) to restore more than the designated 84 acres before the end of the expiration of the IAA. During the annual PMR between the park Botanist and Natural Resources Lead and the BMC, the work to be accomplished yearly and the budget needed for implementing that work was discussed and refined.

The funds were expended in a number of ways: a second nursery was built on-site to handle the number of potted native plants needed for the restoration section of this conservation action. A refrigerated cooler was needed for long-term storage of the native seeds collected by NPS field crews. These same NPS field crews also controlled invasive grasses along the major roadways and around the habitat restoration sites. A water tank on a trailer was needed for watering the newly planted seedlings in the restoration sites and can be used for filling water sources, as needed. Before the end of the agreement, the Park determined that a tractor would be best use of the \$28K balance from the habitat restoration contract to continue the habitat restoration on the Park.

## 2.4 200D- San Bernardino Valley Mitigation:

Figure 5. Location Map on Conservation Action 200D and 200E



Task #1: Restore/revegetate 49.7 acres of temporary impact areas

Task #2: Restore 1.08 acres of wetlands

Task #3: Construct rock/wire erosion control gabions

Task #4: Control erosion and sedimentation to improve and restore aquatic/riparian habitat

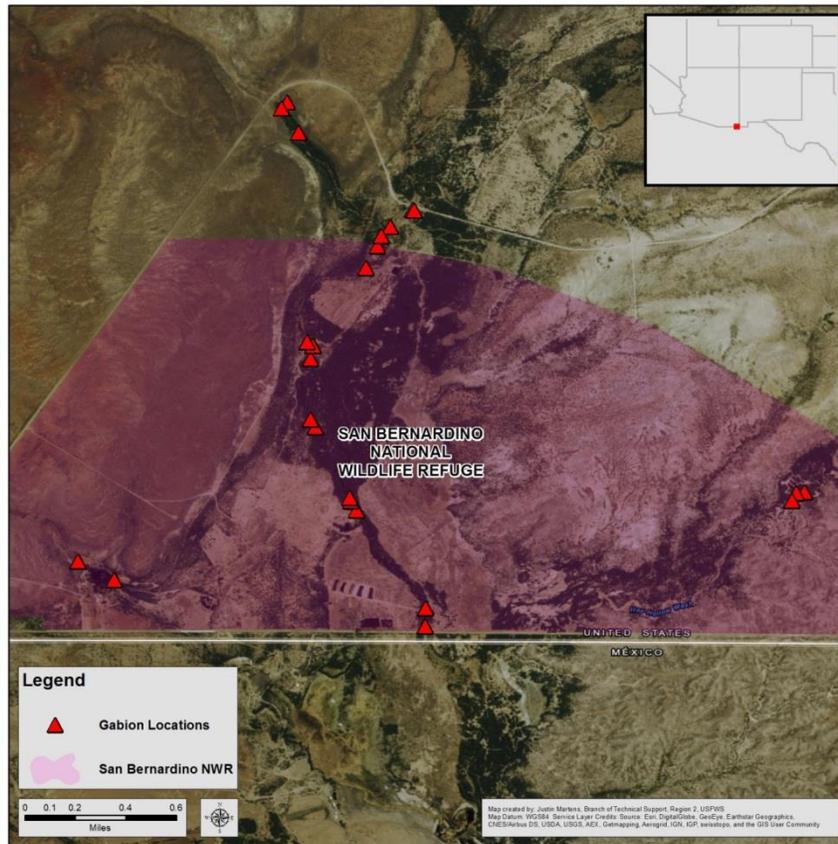
Table 6. Funding Breakdown on Conservation Action 200D

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: 49.7 acres temporary impact restoration	\$44,730.00	\$37,200.02	\$15,480.88	\$21,622.44	\$96.70
Task #2: San Bernardino Wetland restoration	\$54,000.00	\$44,493.85	\$18,390.30	\$26,103.55	\$0.00
Task #3: Multiple Hay Hollow Wash erosion control gabions, multiple Black Draw erosion control gabions	\$275,000.00	\$307,279.54	\$174,344.77	\$117,934.77	\$0.00
Task #4: Control erosion/improve fish habitat	\$283,750.00	\$283,506.58	\$283,506.58	\$0.00	\$0.00
Reallocation from 200B for contracting additional gabions (Task#3)		\$15,000.00	\$0.00	\$15,000.00	\$0.00
<b>Totals</b>	<b>\$657,480.00</b>	<b>\$672,480.00</b>	<b>\$491,722.53</b>	<b>\$180,660.77</b>	<b>\$96.70</b>

The habitat restoration portion (tasks #1 and #2) of this conservation action occurred on the Refuge itself. The nearly 50 acres of temporary impact acres were restored and continue to be monitored for invasive species and reseeded until the supply of native species seeds are depleted. Four interconnected ponds were constructed and filled with water from Black Draw; these ponds replaced the impacted wetlands and are functioning as intended, as habitat for endangered fish.

The erosion control gabions (Task #3) were placed throughout and adjacent to the Refuge to reduce the sediment from further impacting the watersheds on the Refuge. A map for the location of these gabions is below.

Figure 6. Gabion Locations on SBNWR



Task #4 was collaboration between the SBNWR and the BLM Safford Field Office with the BLM project lead to oversee the implementation of aquatic/riparian improvements on private property adjacent to the Refuge and/or within the watershed. Originally the BLM was to use BLM personnel and equipment to implement the habitat improvements on private land. Unfortunately, because the funds come from CBP under the Economy Act and not the Omnibus Consolidated Appropriations Act of 1997, Section 124 (Wyden Amendment), the DOI Solicitors opinion precluded the BLM could not go forward as planned. The BMC working closely with the Safford FO project lead was able to cancel the intra-agency agreement and issue two contracts to get the work accomplished. The BLM Project lead and the SBNWR Manager worked closely with both landowners to ensure they were accepting of the work proposed, the contractor selections, and the final work accomplished. Both land owners were pleased with the outcome.

Harris Environmental was the primary contractor for both projects and subcontracted the actual field work to two local small businesses.

Modification 007 allowed for the reallocation of \$15,000 from 200B to 200D to continue to install rock gabions on the Refuge.

**2.5 200E- Rio Yaqui Fish Monitoring:**

Task #1: Inventory and monitor Rio Yaqui fish and their habitats for impacts from sedimentation

Task #2: Drill two water wells and install solar-powered submersible pumps to ensure permanent water sources

Task #3: Install a fish barrier in Black Draw

Table 7. Funding Breakdown on Conservation Action 200E

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: Inventory Rio Yaqui fish assemblage and impacts	\$86,250.00	\$86,250.00	\$86,250.00	\$0.00	\$0.00
Task #2: Drill wells and install solar pumps	\$105,000.00	\$150,210.20	\$150,210.20	\$0.00	\$0.00
Task #3: Install fish barrier	\$250,000.00	\$204,789.80	\$142,144.3	\$62,645.50	\$0.00
<b>Totals</b>	<b>\$441,250.00</b>	<b>\$441,250.00</b>	<b>\$378,604.50</b>	<b>\$62,645.50</b>	<b>\$0.00</b>

All the tasks under this conservation action occurred on the Refuge.

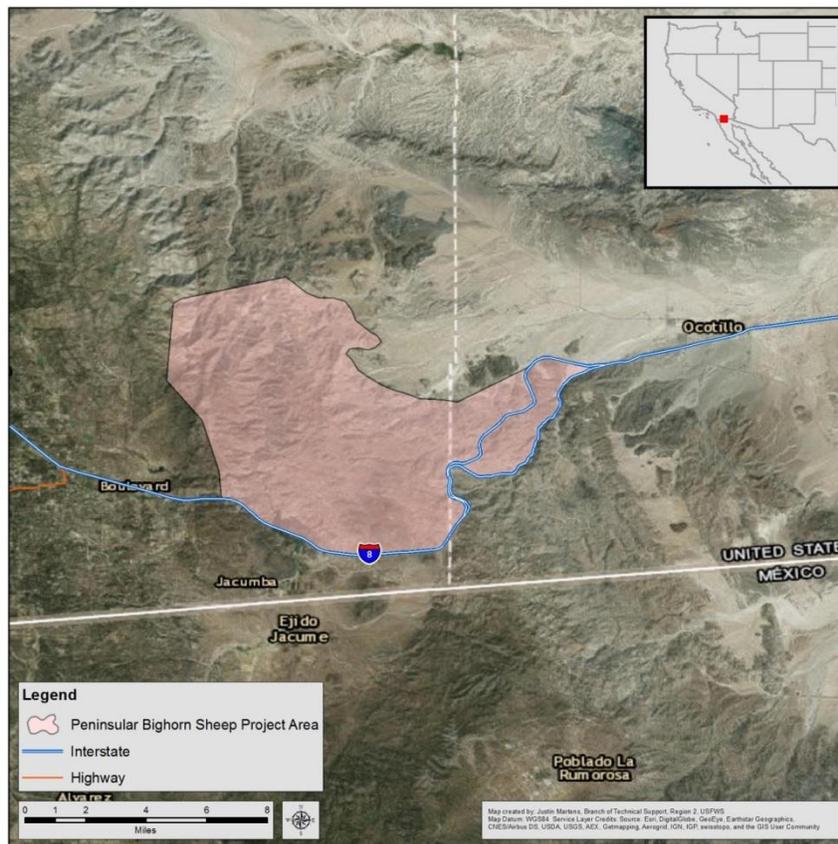
For Task #1, a contract issued to University of Arizona delivered a report on the effects of sedimentation on Rio Yaqui fish. The results from this study, “Effects of Suspended Sediment on Yaqui Chub (*Gila purpura*),” focused on three general areas: BP Operations and sediment load, effects of suspended sediment on life stages of chub, and macroinvertebrate abundance and diversity and relationship to suspended sediment. The biologist concluded that there was no discernible impact of current BP operations on sediment concentrations within Black Draw or Hay Hollow Wash. The Total Suspended Solids, during flood conditions, reached concentrations high enough to result in mortality of eggs and fry (young, immature fish) of Yaqui Chub. There was no correlation between Total Suspended Solids and macroinvertebrate community dynamics under base flow conditions. The erosion control practices in place on the Refuge may be the reason for the reduction of sediment in Black Draw and Hay Hollow Wash.

The Refuge had two wells drilled and installed solar powered submersible pumps for each to ensure a consistent water source for the Snail Spring wetland to benefit the San Bernardino Springsnail, as well as the Yaqui chub, Yaqui topminnow and Yaqui catfish.

The last task (#3) was to install a fish barrier in Black Draw to prevent exotic fish from downstream from entering Black Draw reach within the Refuge which is habitat for a number of Federally protected fish species. The original plan was to have a contractor design and build the fish barrier; unfortunately after a contractor provided the initial design/build, the cost far exceeded our budget. The adjustment was to use rock gabions as the main structure and add a concrete pad above and below the gabion barrier. This approach met the requirement and stayed within budget. Most of the gabion construction was done with Refuge force labor thus saving funds for the materials.

## 2.6 200F- Peninsular Bighorn Sheep Study:

Figure 7. Location Map on Conservation Action 200F



Task #1: Aerial survey and capture/collar as many adult Peninsular bighorn sheep (*Ovis canadensis nelsoni*) (PBS) as possible in three seasons (2012-2014) to monitor sheep movement patterns and demographics in the Jacumba Wilderness.

Table 8. Funding Breakdown on Conservation Action 200F

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: Collars	\$130,950.00	\$70587.77	\$70587.77	\$0.00	\$0.00
Task #1: Aerial Survey/Monitoring	\$134,200.00	\$116,839.40	\$116,839.40	\$0.00	\$0.00
Task #1: Field Equipment	\$850.00	\$5,764.83	\$5,764.03	\$0.00	\$0.80
Realignment to 200J		\$36,808.00	\$36,808.00	\$0.00	\$0.00
<b>Totals</b>	<b>\$230,000.00*</b>	<b>\$230,000.00</b>	<b>\$229,999.20</b>	<b>\$0.00</b>	<b>\$0.80</b>

\*Error from PDW of \$266,000.00 vice the amount provided in IAA. The aerial surveying and monitoring was more expensive than anticipated.

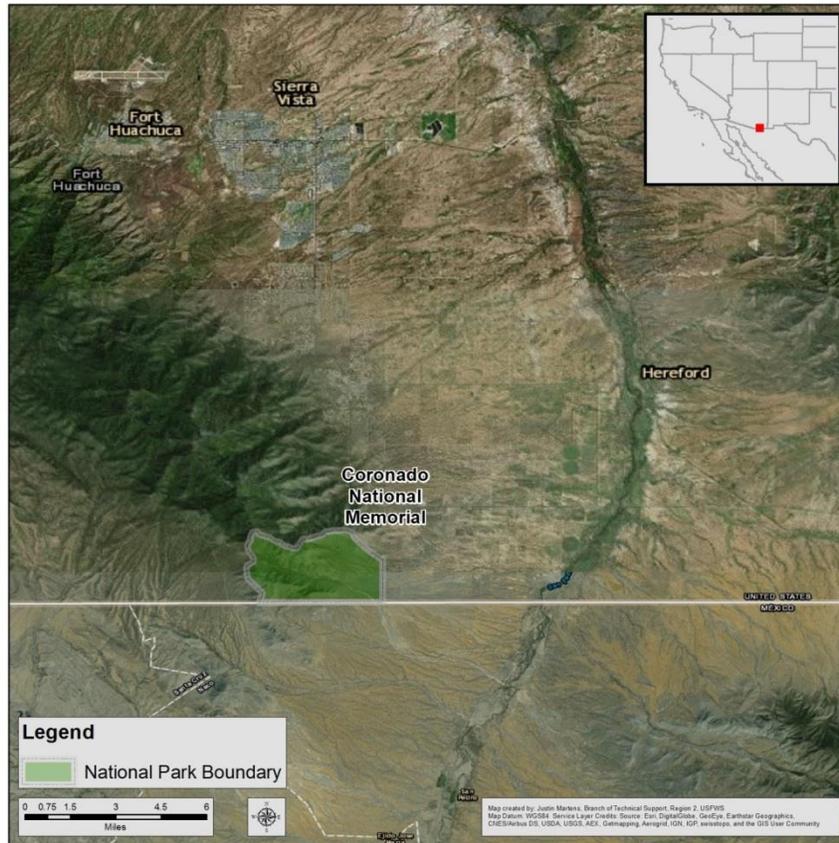
This was a collaborative effort between the Carlsbad Fish and Wildlife Office, California Department of Fish and Wildlife and the BLM El Centro Field Office.

The BLM El Centro Field Office worked to get the environmental compliance accomplished for the aerial survey and monitoring work to be done in the Jacumba Wilderness. The FWS contracted out the aeriels survey work and purchased the radio collars and accessories that the CDFW used to track and monitor the collared PBS.

Due to the timing of the IAA expiring (September 2015) and the aerial survey work (typically end of October and early November 2015), there was not enough time to contract and complete a fourth aerial survey under this agreement. Therefore the balance of funds, \$36,808.00, was requested to be applied to the road enhancement on the Hidden Valley tract at the SDNWF Complex to support endangered species management. Modification #007 was approved and the Refuge was able to get those funds spent prior to the end of the IAA.

**2.7 200G- Coronado National Memorial (CORO) Agave Restoration:**

Figure 8. Location Map on Conservation Action 200G



Task #1: Complete agave restoration on 10-acre staging area

Task #2: Maintain restoration in 10-acre staging area to protect young agaves form competition

Table 9. Funding Breakdown on Conservation Action 200G

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: Complete agave restoration on 10 acres staging area	\$224,873.00	\$215,478.08	\$95,789.96	\$177,895.63	\$1,187.41
Task #2: 3-5 yrs post-planting monitoring	\$50,000.00	\$59,394.92	\$0.00	\$59,394.92	\$0.00
<b>Totals</b>	<b>\$274,873.00</b>	<b>\$274,873.00</b>	<b>\$95,789.96</b>	<b>\$177,895.63</b>	<b>\$1,187.41</b>

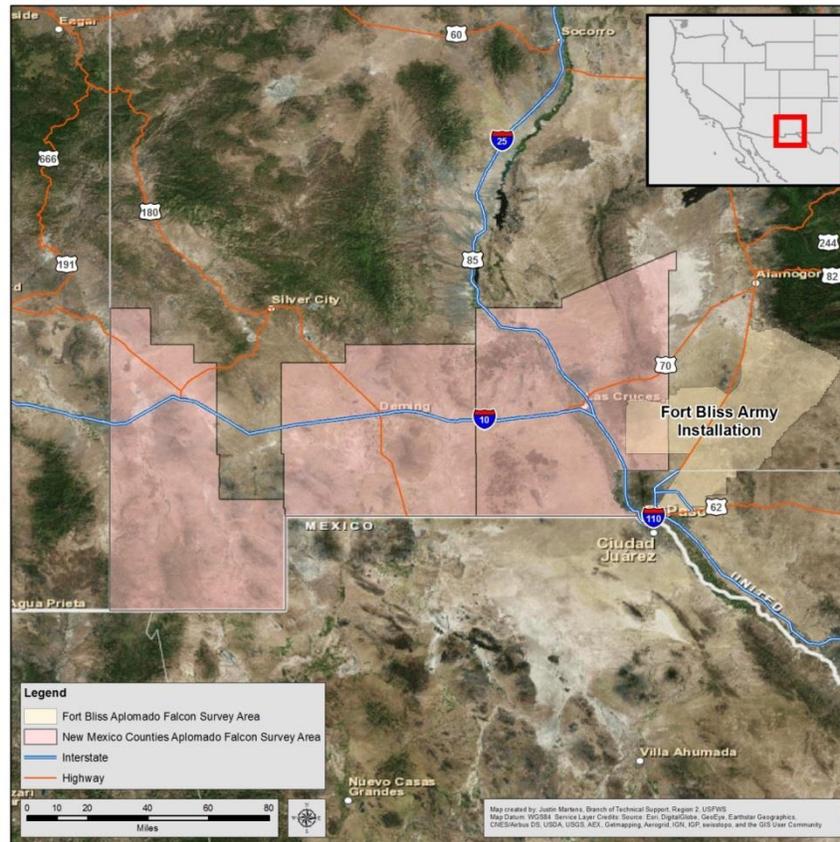
Over the past five years, the 10 acre construction staging area has seen major habitat restoration activity. Firstly, the Park staff have spent innumerable hours staging and planting agave seedlings with both in-house labor and with volunteers, and have hosted a number of planting events. They also transplanted 528 larger agave from the construction zone. Twelve percent of agave seedling transplants have survived since the initial planting in July 2011. The park has performed annual census data collecting to track the survival success and growth of each planting cohort since the initial July 2011 planting.

To ensure successful habitat restoration of this acrea, the park has been aggressively controlling invasive plants, i.e. Lehmann lovegrass (*Eragrostis lehmanniana*), and Bermuda grass (*Cynodon dactylon*), using both in-house staff and volunteer groups. Herbivory by deer, rodents, and javelinas have been an on-going problem utilizing staff time to implement protection measures, i.e. installing cages around the agave seedlings, and spraying the seedlings with animal deterrent chemicals.

Erosion control on adjacent dirt tracks and within the construction staging area has been another issue the park staff had to address. They graded the adjacent road to direct sheet flow runoff around the restoration site and the dirt track through the staging area was blocked off and erosion control measures installed. The area was seeded with native species; erosion control wattles and rock dams were placed along the dirt track to slow down the runoff and create fill areas. These practices were very effective.

## 2.8 200H- Northern Aplomado Falcon Reintroduction and Habitat Restoration:

Figure 9. Location Map on Conservation Action 200H



Task #1: Restoration of native grassland habitat suitable to provide breeding, feeding, and sheltering habitat requirements for northern aplomado falcons

Task #2: Monitoring and telemetry of reintroduced aplomado falcons, their habitat use, movement patterns, and survival

Task #3: Reintroduction of northern aplomado falcons

Table 10. Funding Breakdown on Conservation Action 200H

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: Grassland Habitat Restoration	\$202,266.00	\$187,454.13	\$187,454.13	\$0.00	\$0.00
Task #2: Survey and Monitoring	\$187,500.00	\$298,431.93	\$298,431.93	\$0.00	\$0.00
Project Management	\$109,934.00	\$13,801.08	\$0.00	\$13,801.08	\$0.00
<b>Totals</b>	<b>\$499,700.00</b>	<b>\$499,687.14</b>	<b>\$485,886.06</b>	<b>\$13,801.08</b>	<b>\$12.86</b>

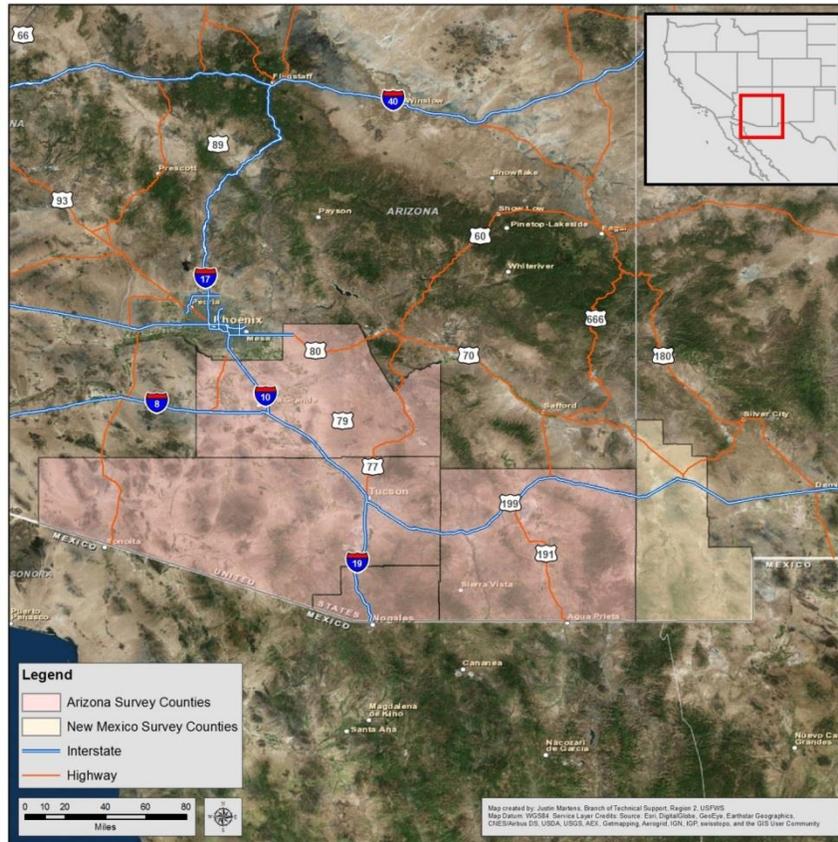
It was discussed with CBP and decided early on that the \$37,500 funds for task #3 the reintroduction of northern aplomado falcon would be better spent on surveying and monitoring the reintroduced birds, because this task was funded from other sources.

Two intra-agency agreements with the BLM Las Cruces District Office were issued. These two agreements implemented task #1 by implementing grassland habitat restoration to over 2,805 acres of shrubland. Additionally, a rigorous habitat restoration monitoring program was implemented and groundwork set-up for long-term future monitoring efforts.

The surveying and monitoring of northern aplomado falcons was covered under three options: the intra-agency agreements with BLM to implement the habitat restoration also included a surveying and monitoring component; a contract with Ecosystem Management, Inc and an interagency agreement with the Army Corps of Engineers, who subcontracted to another small environmental company. Each of these groups focused on applying the same surveying and monitoring protocol to different areas in southern New Mexico. Reference the conservation action summary (Appendix 4.8) for survey results.

## 2.9 200I- Border-Wide Bat Conservation:

Figure 10. Location Map on Conservation Action 200I



Task #1: Find occupied endangered Mexican long-nosed and lesser long-nosed bat (*Leptonycteris spp.*) roosts and monitor

Task #2: Monitor movement patterns of *Leptonycteris* bats in the Patagonia, Perilla, Animas, and Peloncillo Mountains of Arizona and New Mexico

Table 11. Funding Breakdown on Conservation Action 200I

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Task #1: Find, protect, and monitor occupied roosts	\$425,000.00	\$804,973.29	\$799,714.84	\$1,709.48	\$3,548.97
Task #2: Monitor movement patterns	\$500,000.00	\$120,026.71	\$120,026.71	\$0.00	\$0.00
Reallocation from 200B		\$84,000.00	\$84,000.00	\$0.00	\$0.00
<b>Totals</b>	<b>\$925,000.00</b>	<b>\$1,009,000.00</b>	<b>\$1,003,759.51</b>	<b>\$1,709.48</b>	<b>\$3,531.01</b>

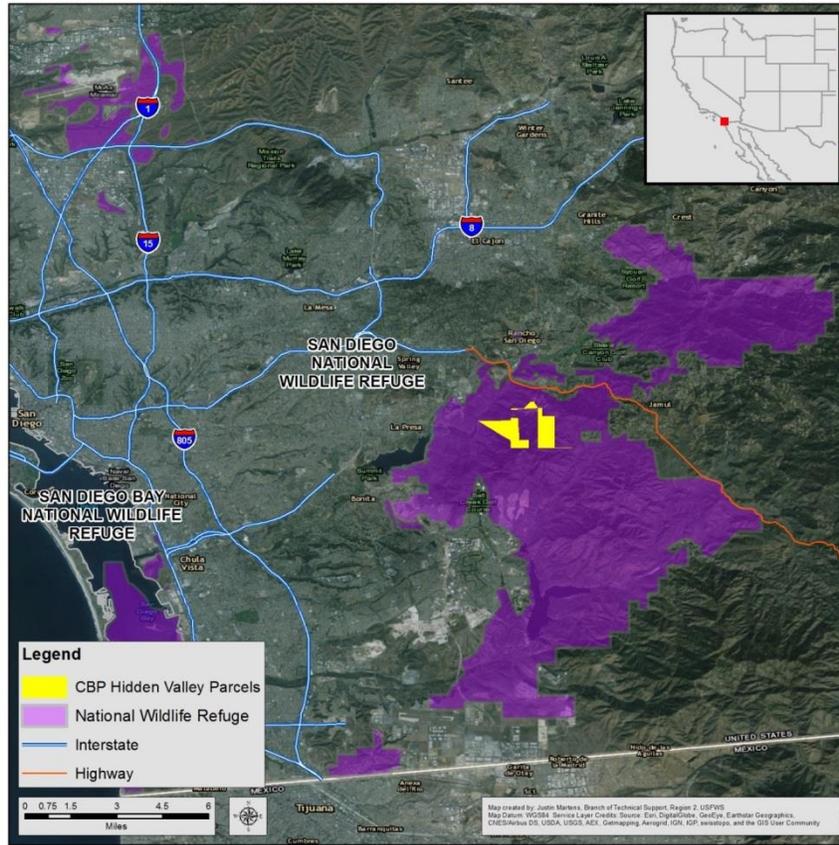
These two tasks were split between three contracts and an interagency agreement with the Forest Service (USDA). The field office also spent time at a couple of the roosts to do roost enhancements. The findings from the four years of bat roost locating and monitoring has lead the FWS to consider down listing the lesser long-nosed bat, since there are more active, occupied bat roosts within a larger range than previously known.

One of the three contracts monitored the movement patterns (Task #2) at 19 roosts in Arizona. The information gleaned from this monitoring effort and the video recordings of the behaviors provided the biologists with information as to what the best or functional roost protections (i.e. gates) would be ideal to install. The interagency agreement with the Forest Service provided funding to close or gate roads leading to roosts at risk and to purchase the materials for installation of roost gates on Forest Service lands.

The other two contracts focused on locating new occupied roosts in NM and AZ, resulting in 30 new roosts located and 5 historically know roosts verified as occupied.

2.10 200J – California Land Acquisition:

Figure 11. Location Map on Conservation Action 200J



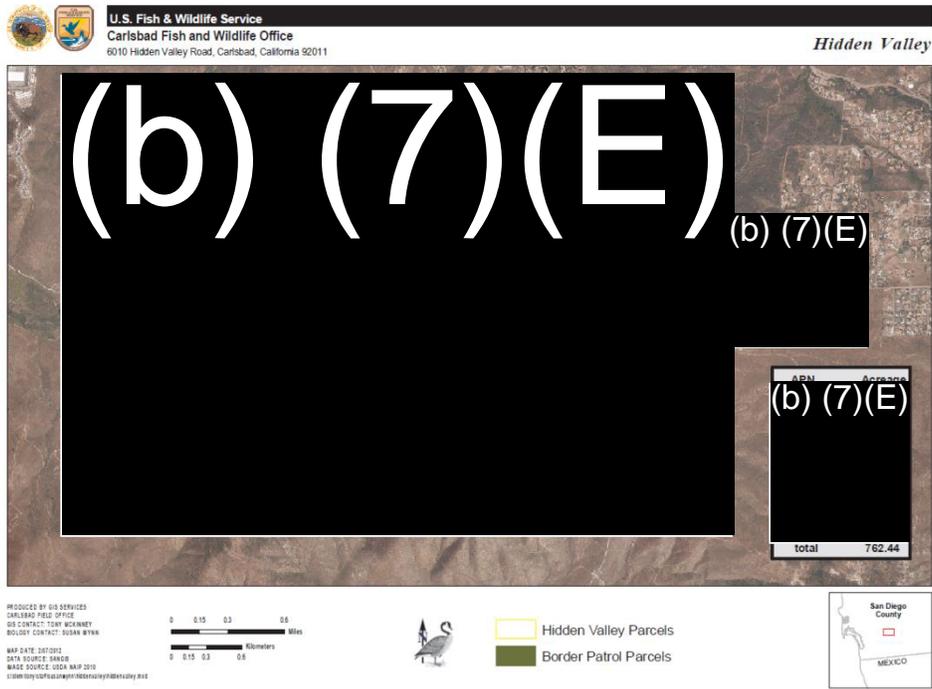
Task #1: Purchase occupied or suitable habitat for Arroyo Toad, Quino Checkerspot Butterfly and Coastal California Gnatcatcher.

Table 12. Funding Breakdown on Conservation Action 200J

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	Remaining Amount
Land Acquisition	\$8,000,000.00	\$8,000,000.00	\$8,000,000.00	\$0.00
<b>Totals</b>	<b>\$8,000,000.00</b>	<b>\$8,000,000.00</b>	<b>\$8,000,000.00</b>	<b>\$0.00</b>

The San Diego National Wildlife Refuge working closely with SADAG and other non-government organizations purchased collectively over 1,000 acres in Hidden Valley within the SDNWR Approved Acquisition Boundary. The funds provided by CBP purchased 762.44 of those acres (see Figure 12).

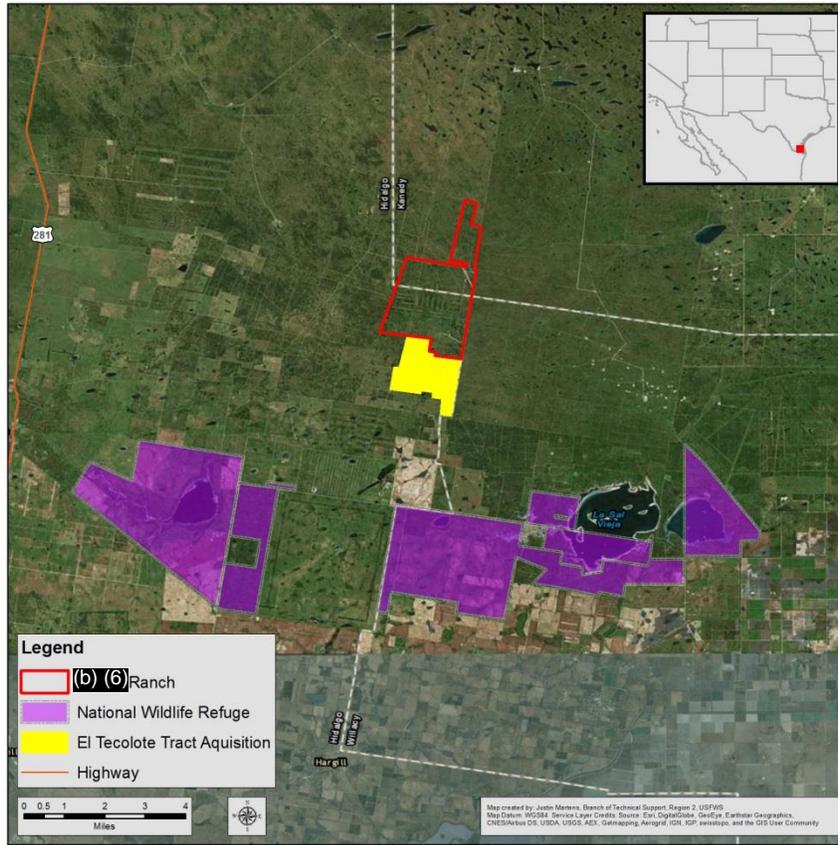
Figure 12. Hidden Valley Acquisition



To meet the intent of conservation action 200F, the excess funds from the original budget, approximately \$36,808 was used for road improvements to reach parts of Hidden Valley property thus allowing biologists to access endangered species habitat. The Refuge Manager was able to get a contract under award and the road enhancements done prior to the end of the IAA period of performance utilizing all the remaining funds. This reallocation of funds was modification #007.

**2.11 200K- Texas Land Acquisition:**

Figure 12. Location Map on Conservation Action 200K



Task #1: Purchase of at least 500 acres of suitable habitat for jaguarundi and ocelots within the approved acquisition boundary of Lower Rio Grande Valley National Wildlife Refuge within the Approved Acquisition Boundary.

Table 13. Funding Breakdown on Conservation Action 200K

<b>Budgeted Tasks</b>	<b>Original Budgeted Amount</b>	<b>Actual Budgeted Amount</b>	<b>Contract</b>	<b>In-house</b>	<b>Remaining Amount</b>
Land Acquisition	3,000,000.00	\$2,889,629.00	\$2,889,629.00	\$0.00	\$0.00
Ocelot Survey -Equipment		\$98,401.80	\$98,401.80	\$0.00	\$0.00
Ocelot Survey - Labor		\$11,969.20	\$0.00	\$11,969.20	\$0.00
<b>Totals</b>	<b>\$3,000,000.00</b>	<b>\$3,000,000.00</b>	<b>\$2,988,030.80</b>	<b>\$11,969.20</b>	<b>\$0.00</b>

The RO Realty Office purchased over a 1,000 acres of the (b) (6) Property adjacent to the Lower Rio Grande NWR Complex in southern Texas. This exceeded the “at least” 500 acres as required in the Project Description Worksheet for this conservation action. After discussion at the August 2014 CBP briefing, it was decided the balance of the unspent funds (\$110,371.00) could be spend on ocelot surveys in southern Texas to support this conservation action, because ocelots was one of the species benefitting from the land purchase.

The balance of the land purchase funds were assigned a new accounting number and provided to the ocelot recovery lead biologist. He was able to purchase a number of game cameras and radio collars to locate, and track ocelots, and utilized volunteers to deploy the cameras and download the inforamtion from both the cameras and the collars. It was accepted that bobcats would be a viable surragote to the ocelots as they were present in the study area in higher numbers and easier to trap and collar. The bobcats also behaved similarly to the ocelots regarding CBP operations and activities along the border tactical infrastructure.

### 3.0 STATUS OF PROGRAM FUNDING

This section highlights the funding distribution by conservation action in relationship to the overall program.

Table 14. Funding Breakdown on Initial IAA Budget

<b>Category</b>	<b>Amount</b>
In-house Labor	\$804,677.57
Travel	\$42,136.49
Contracts	\$3,189,036.11
Agreements	\$1,740,580.21
Supplies/Materials	\$1,036,372.62
<b>TOTAL</b>	<b>\$6,812,803.00</b>

Figure 13. Funding Breakdown on Initial IAA Budget

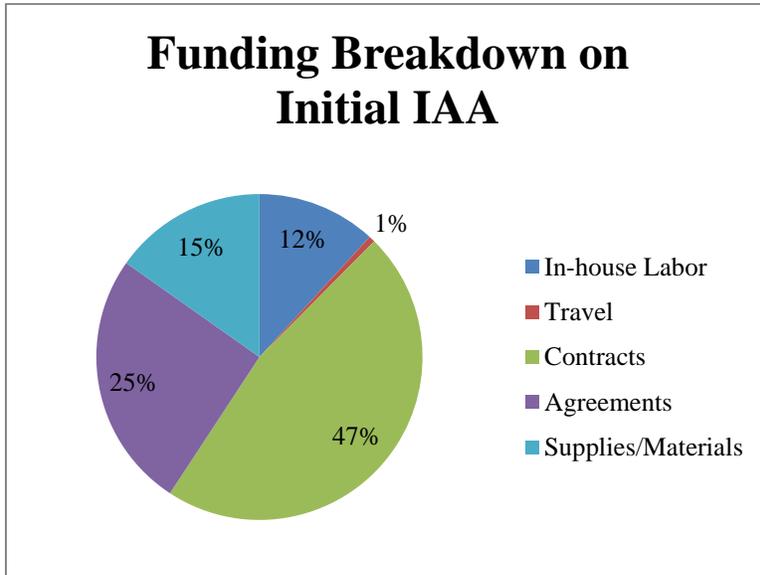


Table 15. Funding Breakdown on Final IAA Budget

Category	Amount
In-house Labor	\$816,646.77
Travel	\$42,136.49
Contracts	\$3,189,036.11
Agreements	\$1,740,580.21
Supplies/Materials	\$1,036,372.62
Land Acq CA	\$8,000,000.00
Land Acq TX	\$2,988,030.80
<b>TOTAL</b>	<b>\$17,812,803.00</b>

Figure 14. Funding Breakdown on Final IAA Budget

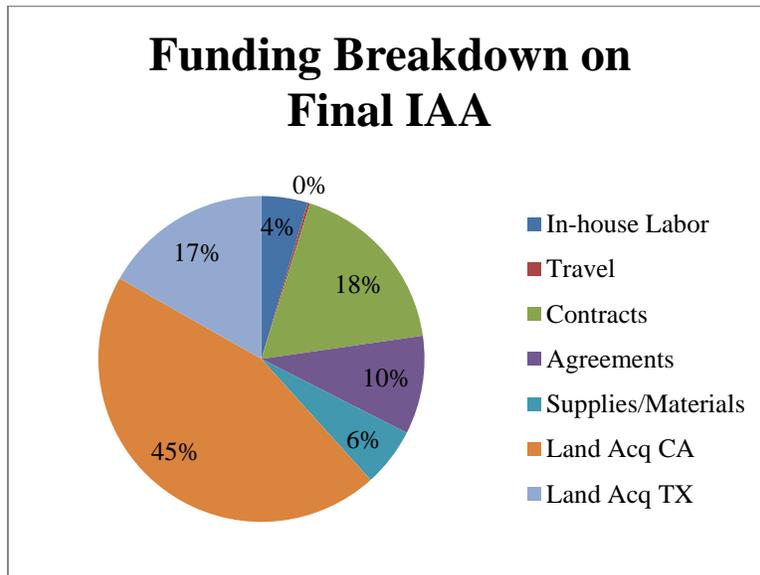


Table 16. Amount of Funding by Contract and In-House Spent

	<b>Contract</b>	<b>In-house</b>	<b>Balance</b>	<b>Initial Budget</b>
	<b>\$5,232,670.86</b>	<b>\$1,582,344.39</b>	<b>\$ 7,788.35</b>	<b>\$ 6,812,803.00</b>
<b>200A</b>	\$141,174.32	\$ 554,324.84	\$ 0.84	\$ 695,500.00
<b>200B</b>	\$1,868,431.62	\$ 151,567.70	\$ 0.68	\$ 2,020,000.00
<b>200C</b>	\$ 537,302.56	\$ 439,739.39	\$ 2,958.05	\$ 980,000.00
<b>200D</b>	\$ 491,722.53	\$ 180,660.77	\$ 96.70	\$ 672,480.00
<b>200E</b>	\$ 378,604.50	\$ 62,645.50	\$ 0.00	\$ 441,250.00
<b>200F</b>	\$ 229,999.80	\$ 0.00	\$ 0.80	\$ 230,000.60
<b>200G</b>	\$ 95,789.96	\$ 177,895.63	\$ 1,187.41	\$ 274,873.00
<b>200H</b>	\$ 85,886.06	\$ 13,801.08	\$ 12.86	\$ 499,700.00
<b>200I</b>	\$1,003,759.51	\$ 1,709.48	\$ 3,531.01	\$ 1,009,000.00
<b>200J</b>	\$8,000,000.00	\$ 0.00	\$ 0.00	\$ 8,000,000.00
<b>200K</b>	\$2,988,030.80	\$11,969.20	\$ 0.00	\$ 3,000,000.00

Figure 15. Percentages of Contract and In-House Spent

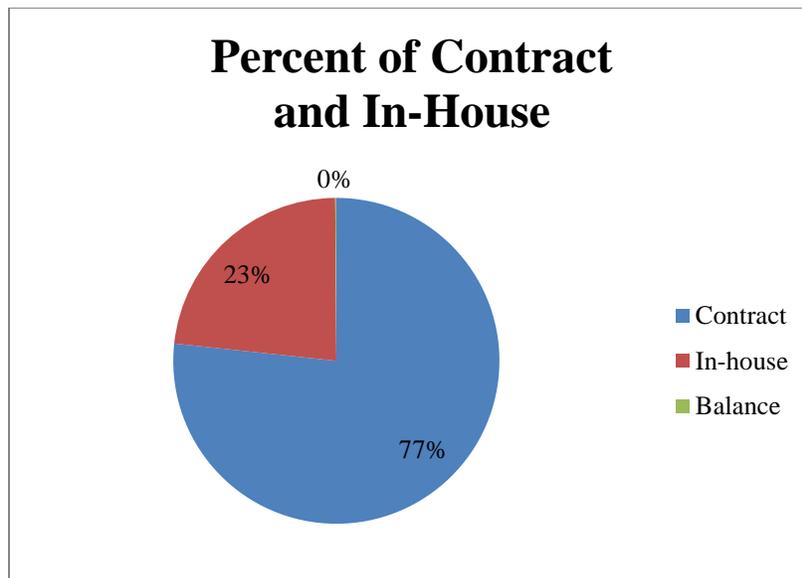
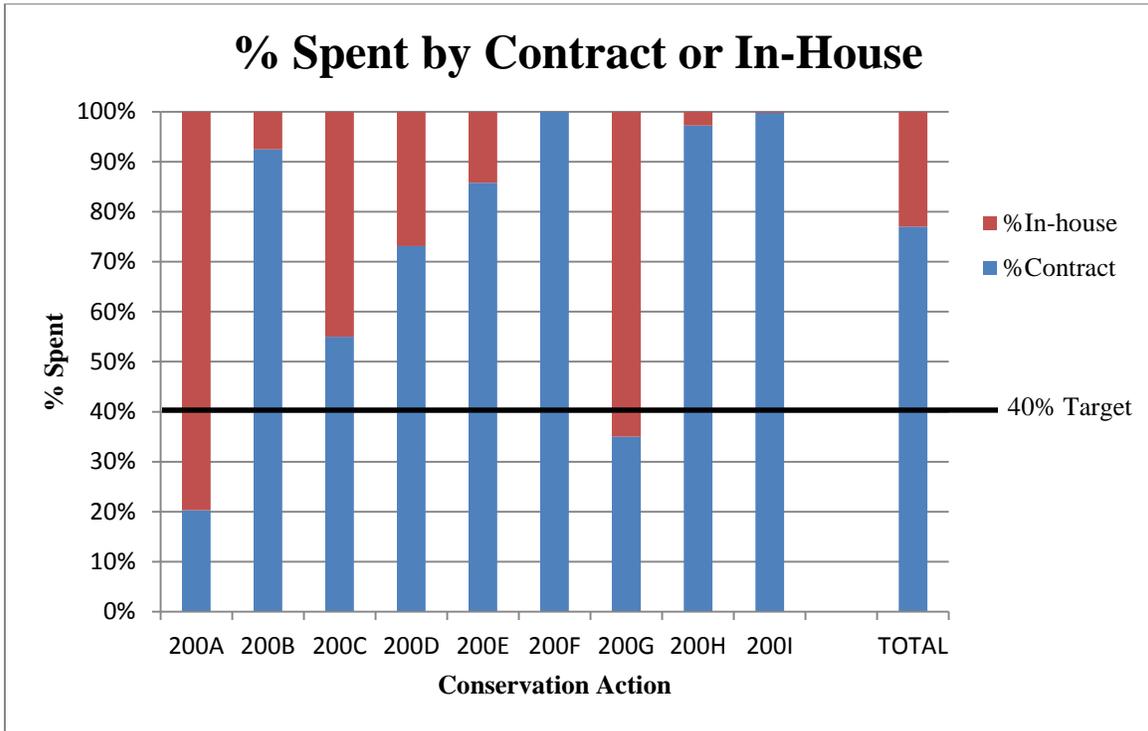


Figure 16. Percentages of Contract and In-House by Conservation Action



## **4.0 APPENDICES**

- 4.1 200A Border Mitigation Coordinator**
- 4.2 200B Jaguar/Sasabe BO**
- 4.3 200C Organ Pipe Cactus NM (b) (7)(E) BO**
- 4.4 200D San Bernardino Valley Mitigation**
- 4.5 200E Rio Yaqui Fish Studies**
- 4.6 200F Peninsular Bighorn Sheep Study**
- 4.7 200G Agave Restoration**
- 4.8 200H Northern Aplomado Falcon Reintroduction and Habitat Restoration**
- 4.9 200I Border-wide Bats**
- 4.10 200J California Land Acquisition (SDNWR Complex)**
- 4.11 200K Texas Land Acquisition (LRGNWR Complex)/TX Wildcat Monitoring**

## Summary of Mitigation Measures Implemented After the Past S1 Waivers

### 1. Border Infrastructure System (BIS) Waiver in San Diego Sector

- At the time of this first waiver was issued, the operative CBP policy position was not to implement any mitigation measures required but no longer mandatory due to waiver. The San Diego Sector was directed by the HQ CBP not to obligate resources for any environmental requirements waived by the Secretary's authority.

- The San Diego Sector was in consultation with the FWS to finalize a Biological Opinion (BO) addressing the impacts to endangered and threatened species. None of mitigations measures discussed with the FWS during the development of BO were implemented. CBP made no commitment to implement mitigation measures. This, however, did not include previous mitigation agreements from other phases of the BIS (i.e. Spring Canyon, Arnie's Point.) The ongoing monitoring of the vernal pool mitigation will be completed in 2009.

- The San Diego Sector has agreed to cap and preserve cultural sites located in the (b) (7)(E) State Park by the beach. This work is to be accomplished at the same time as the BIS construction. Data recovery will take place at two locations on (b) (7)(E). This data recovery will take place prior to construction. This is an area of significant archeological importance. CBP agreed to cap this area to avoid impacts to the site. The USACE is tasked to develop the project scope and estimate.

### 2. BMGR Environmental Waiver

- CBP agreed to construct 3 foraging areas for Sonoran Pronghorn. CBP is in process of transferring \$811,980 to USFWS to construct the foraging areas.

- CBP committed to exercise best management practices (BMP) during construction activity to minimize environmental impacts (erosion control, introduction of invasive species, dust control, etc.) As proposed for the BMGR construction, CBP did have biological and cultural resources monitors at the construction sites, and halted or diverted efforts accordingly when a threat was identified. Applicable BMPs were applied, including when it was learned that the contractor graded out approximately 17 miles of a historic road, requiring the contractor at his expense to restore the road to the satisfaction of the Marine Air Station Archaeologist; retaining Harris Environmental Group to survey the temporary construction road for threatened and endangered species, resulting in the relocation of some 250 endangered cactus species; and identifying and requiring cleanup by the contractor of numerous fuel spills.

- CBP promised to create (b) (7)(E) for an endangered species of lizard. Lizard (b) (7)(E) for the entire length of (b) (7)(E) of fence. (b) (7)(E) up to (b) (7)(E) (b) (7)(E) to account for shifting soils covering up holes. These costs were an integral part of contract bid price – itemized cost not available

### 3. San Pedro Waiver

- Construction BMPs were exercised to minimize the potentials for soil erosion, invasive species introduction, and dust generation. CBP implemented, in cooperation with the Fish and Wildlife Service, the following measures during construction to prevent the spread of invasive weeds: (1) vehicular crossing of streams with flowing or standing water was avoided to the fullest extent practicable; (2) in instances where crossings of streams could not be avoided, the vehicles were washed and sterilized to kill any organisms; (3) materials used for on-site erosion control were free of non-native aquatic plant seeds and other plant parts to limit the potential for infestation; and (4) CBP agreed to monitor the project site "post-construction" for non-native plants and implement the appropriate removal and control measures if necessary. To date no invasive weeds have returned. SBI office is confirming the status of a formal monitoring program for invasive weeds with OBP/Tucson Sector.

- USACE hired a specialized contractor to excavate and recover archaeological findings from a site that would be impacted by construction. This site turned out to be much larger than anticipated. Salvage and restoration efforts are complete and the report to the AZ SHPO is being prepared. Total estimated cost of these efforts is \$986K - \$1,036K.

- CBP agreed to not construct fence along the (b) (7)(E) in order not to hinder Jaguar movement through the area. (b) (7)(E). Special design modifications were made at 'low water crossings' in order to mitigate the impact to the floodplain. Temporary vehicle barrier of the (b) (7)(E) was constructed in the floodplain.

- BLM requested that the area known as (b) (7)(E) " be avoided. Construction of the fence could not avoid (b) (7)(E) " completely and some of the (b) (7)(E) were removed. Little or no additional cost.

- (b) (7)(E) The (b) (7)(E) fence was constructed which has (b) (7)(E). No additional cost to CBP.

-

Cost Estimate: CBP's IAA with DOJ EOUSA					
	BASE YEAR	OPTION YR1	OPTION YR2	OPTION YR3	OPTION YR4
<b>Southern District of TX</b>					
One Full-time AUSA - Salary <i>(with 3% annual escalation)</i>	(b) (5)				
One Full-time AUSA - Benefits <i>(30% of annual salary)</i>					
Publication Costs:					
Travel Expenses:					
<b>Western District of TX</b>					
Publication Costs:					
Recording Fees:					
Travel Expenses:					
<b>ANNUAL TOTALS:</b>					
<b>TOTAL OVER 5 YEARS:</b>					

**PF225 Real Estate Capitalization as of 6-30-16**

<b>Sector</b>	<b>Total Acreage</b>	<b>Final Settlement \$</b>	<b>Damages \$</b>	<b>Final Total Payment \$</b>
SDC	0	\$0.00	\$0.00	\$0.00
ESC	0	\$0.00	\$0.00	\$0.00
YUM	0	\$0.00	\$0.00	\$0.00
TCA	0	\$0.00	\$0.00	\$0.00
EPT	8.2276	\$87,105.00	\$174,750.00	\$257,400.00
BBT	6.72	\$65,450.00	\$6,450.00	\$71,900.00
DRT	585.1995	\$11,414,415.00	\$1,094,345.62	\$12,508,760.62
LRT	0	\$0.00	\$0.00	\$0.00
RGV	364.3852	\$2,174,245.00	\$12,089,115.81	\$14,263,060.81
<b>Total</b>	<b>964.5323</b>	<b>\$ 13,741,215.00</b>	<b>\$ 13,364,661.43</b>	<b>\$ 27,101,121.43</b>

Sector	Station	Tract ID Number	Tract ID USACE	FM&E Number	PR/PO/RWA/IAA Number	Line Item Number (COI #)	Total Acreage	Rights Acquired (Fee or Easement)	Final Settlement \$	Damages \$	Final Total Payment \$	Final Settlement Date	Amount of Final Judgment \$	Date Case Closed	Date Info Sent to CBP
El Paso	(b) (5), (b) (7)(E)						7.26	(b) (5)	\$6,800.00	\$47,500.00	\$54,300.00	(b) (5)	\$54,300.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.012	(b) (5)	\$1,200.00	\$2,800.00	\$4,000.00	(b) (5)	\$4,000.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.2495	(b) (5)	\$20,800.00	\$40,700.00	\$61,500.00	(b) (5)	\$205,400.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.4501	(b) (5)	\$39,700.00	\$77,600.00	\$117,300.00	(b) (5)	\$205,400.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.015	(b) (5)	\$1,100.00	\$0.00	\$1,100.00	(b) (5)	\$1,100.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.031	(b) (5)	\$4,455.00	\$0.00	\$0.00	(b) (5)	\$0.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.04	(b) (5)	\$12,094.00	\$5,906.00	\$18,000.00	(b) (5)	\$19,200.00	(b) (5)	
El Paso	(b) (5), (b) (7)(E)						0.17	(b) (5)	\$956.00	\$244.00	\$1,200.00	(b) (5)	\$19,200.00	(b) (5)	

Sector	Station	Tract ID Number	Tract ID USACE	FM&E Number	PR/PO/RWA/IAA Number	Line Item Number (COI #)	Total Acreage	Rights Acquired (Fee or Easment)	Final Settlement \$	Damages \$	Final Total Payment \$	Final Settlement Date	Amount of Final Judgment \$	Date Case Closed	Date Info Sent to CBP
Big Bend	(b) (5), (b) (7)(E)						1.94	(b) (5)	\$19,000.00	\$3,000.00	\$22,000.00	(b) (5)	\$30,500.00		(b) (5)
Big Bend	(b) (5), (b) (7)(E)						4.78	(b) (5)	\$46,450.00	\$3,450.00	\$49,900.00	(b) (5)	\$51,300.00		(b) (5)



Sector	Station	Tract ID Number	Tract ID USACE	FM&E Number	PR/PO/RW/IAA Number	Line Item Number (COI #)	Total Acreage	Rights Acquired (Fee or Easment)	Final Settlement \$	Damages \$	Final Total Payment \$	Final Settlement Date	Amount of Final Judgment \$	Date Case Closed	Date Info Sent to CBP
Rio Grande Valley							0.2595	(b) (5)	\$22,700.00	\$22,700.00	\$45,400.00	(b) (5)	\$65,100.00		(b) (5)
Rio Grande Valley							0.2900	(b) (5)	\$19,700.00	\$0.00	\$19,700.00	(b) (5)	\$65,100.00		(b) (5)
Rio Grande Valley							0.7730	(b) (5)	\$10,950.00	\$89,050.00	\$100,000.00	(b) (5)	\$100,000.00		(b) (5)
Rio Grande Valley							0.7500	(b) (5)	\$100.00	\$13,900.00	\$14,000.00	(b) (5)	\$14,000.00		(b) (5)
Rio Grande Valley							0.3410	(b) (5)	\$2,700.00	\$5,550.00	\$8,250.00	(b) (5)	\$12,000.00		(b) (5)
Rio Grande Valley							0.1550	(b) (5)	\$1,200.00	\$2,550.00	\$3,750.00	(b) (5)	\$12,000.00		(b) (5)
Rio Grande Valley							2.8880	(b) (5)	\$20,300.00	\$0.00	\$20,300.00	(b) (5)	\$21,400.00		(b) (5)
Rio Grande Valley							0.1500	(b) (5)	\$1,100.00	\$0.00	\$1,100.00	(b) (5)	\$21,400.00		(b) (5)
Rio Grande Valley							0.6980	(b) (5)	\$18,800.00	\$4,700.00	\$23,500.00	(b) (5)	\$23,500.00		(b) (5)
Rio Grande Valley							1.6140	(b) (5)	\$4,900.00	\$0.00	\$4,900.00	(b) (5)	\$4,900.00		(b) (5)
Rio Grande Valley							0.5100	(b) (5)	\$7,700.00	\$7,300.00	\$15,000.00	(b) (5)	\$15,000.00		(b) (5)
Rio Grande Valley							0.2487	(b) (5)	\$6,300.00	\$0.00	\$6,300.00	(b) (5)	\$6,300.00		(b) (5)
Rio Grande Valley							0.2969	(b) (5)	\$100.00	\$1,400.00	\$1,500.00	(b) (5)	\$1,500.00		(b) (5)
							0.2500	(b) (5)	\$1,700.00	\$18,800.00	\$20,500.00	(b) (5)	\$23,000.00		(b) (5)
Rio Grande Valley							0.3701	(b) (5)	\$100.00	\$0.00	\$100.00	(b) (5)	\$23,000.00		(b) (5)
							0.5000	(b) (5)	\$2,400.00	\$0.00	\$2,400.00	(b) (5)	\$23,000.00		(b) (5)
Rio Grande Valley							0.2500	(b) (5)	\$1,900.00	\$5,700.00	\$7,600.00	(b) (5)	\$7,600.00		(b) (5)

# CBP Office of Finance Facilities Management and Engineering

## Status of Mitigation for Fence Construction Along the Southwest Border of the United States (PF 225/VF 300)

December 2012



U.S. Customs and  
Border Protection



- Provide background on CBP's efforts regarding "responsible environmental stewardship" under the Secretary's waiver of April 2008
- Provide a status of CBP's commitment to provide DOI up to \$50M for unavoidable impacts from fence construction under the waiver
- Discuss path forward given the current funding environment



- CBP already had extensive environmental work underway (NEPA) before the waiver
- Time required for Endangered Species consultations
- Fence Construction in wilderness and refuge areas
  - Wilderness and refuge laws limited the DOI land managers authority to issue required access permits as compatible land use
  - DOI supported use of the waiver
- Risk of law suits



## The Secretary's commitment:

- **“responsible environmental stewardship” and “minimize the effects of construction on cultural, biological and natural resources wherever possible”**
  - “DHS will conduct an ‘environmental review’ before any major construction begins”
    - CBP completed Environmental Stewardship Plans (ESPs) to evaluate potential impacts to the environment, identify Best Management Practices (BMPs) to avoid or minimize any negative impacts and identify appropriate mitigations for unavoidable impacts.
  
- **“solicit and respond to the needs of state, local, governments, Native American Nations, other agencies of the Federal government, and local residents”**
  - Public meetings
  - BorderFencePlanning.Com Web site
  - Meetings with Native American Nations
  - Letters to resource agencies; meetings with resource agencies
  - Continued close coordination with Native American Nations, USFWS, DOI land managers, and USACE
  - Frequent meetings with stakeholders and land owners



- CBP committed to three major elements for projects carried out under the waiver
  - To do what otherwise would have been done regarding environmental planning before construction;
  - To minimize the effects of construction and mitigate for unavoidable impacts; and
  - To continue responsible environmental stewardship for the life cycle of the border infrastructure
- In addition, due to the pace of the program and uncertainty regarding the initial environmental planning (Environmental Stewardship Plans), CBP committed to documenting the final footprint and impacts after construction was completed
  - Environmental Stewardship Summary Reports - ESSRs



# Environmental Stewardship Plans and

# es Plans

Facilities Management & Engineering

# FM&E

Building for a Secure America



**ENVIRONMENTAL STEWARDSHIP PLAN**  
FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE  
OF TACTICAL INFRASTRUCTURE  
U.S. Border Patrol San Diego Sector, California

**BIOLOGICAL RESOURCES PLAN**  
FOR  
CONSTRUCTION, OPERATION, AND MAINTENANCE OF TACTICAL  
INFRASTRUCTURE  
FOR  
EL PASO SECTOR, NEW MEXICO  
LORDSBURG STATION



U.S. DEPARTMENT OF HOMELAND SECURITY  
CUSTOMS AND BORDER PROTECTION  
BORDER PATROL EL PASO SECTOR

Prepared by



DECEMBER 2008



U.S. D  
U.S.

**BIOLOGICAL RESOURCES PLAN**  
FOR  
CONSTRUCTION, OPERATION, AND MAINTENANCE  
OF TACTICAL INFRASTRUCTURE  
FOR  
TUCSON SECTOR, ARIZONA  
NOGALES STATION



U.S. DEPARTMENT OF HOMELAND SECURITY  
U.S. CUSTOMS AND BORDER PROTECTION  
U.S. BORDER PATROL TUCSON SECTOR

Prepared by



Solutions Today for a Sustainable Tomorrow

AUGUST 2008



**ENVIRONMENTAL STEWARDSHIP PLAN**  
FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE  
OF VEHICLE FENCE AND RELATED TACTICAL INFRASTRUCTURE  
U.S. Border Patrol Yuma Sector, Wellton Station, Arizona

U.S. Department of Homeland Security  
U.S. Customs and Border Protection  
U.S. Border Patrol

December 2008

- Through continuous interaction with stakeholders, CBP made numerous changes to fence style and footprint.

Examples:

- (b) (7)(E)
- Modified fence alignments to meet local landowner and City needs
- Developed (b) (7)(E)
- Installed “visually aesthetic fence” around a golf course and city park



# Rio Grande Valley Sector Pedestrian Upgrade

Facilities Management & Engineering

## FM&E

Building for a Secure America



U.S. Customs and  
Border Protection

BW12 FOIA CBP 000147

# Del Rio Sector Aesthetic Pedestrian

Facilities Management & Engineering

# FM&E

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U.S. Customs and  
Border Protection

BW12 FOIA CBP 000148

# El Paso Sector Vehicle Fence with

(b) (7)(E)

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**U.S. Customs and  
Border Protection**

BW12 FOIA CBP 000149

# El Paso Sector Pedestrian Fence with (b) (7)(E)

Facilities Management & Engineering

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U.S. Customs and  
Border Protection

BW12 FOIA CBP 000150

# Vehicle Fence



U.S. Customs and  
Border Protection



- Before the waiver was issued in early 2008, DOI and CBP informally agreed to pursue a Programmatic Agreement whereby CBP would fund DOI “up to \$50M” for mitigations from the fence construction
  - There was little analysis for the \$50M level
- Once the ESPs were completed in fall 2008, CBP internally estimated the mitigations would approach \$35M
- January 2009, DOI and CBP co-signed a MOA and the CBP Commissioner issued a Letter of Commitment to fund DOI “up to \$50M” for unavoidable impacts to natural and cultural resources on DOI lands
  - DOI and many interest groups have always considered the commitment to be \$50M not “up to \$50M”
- March 2010, DOI provided CBP a prioritized list of 29 projects totaling \$52.5M



(\$50 M)

- CBP “contracted” (via the IAA under the Economy Act) with DOI to implement these mitigations on our behalf
- To date, CBP has provided \$17.8M to DOI (increments of \$6.8M; \$8M and \$3M) to meet the CBP obligations on 13 of the 29 conservation actions identified by DOI
- Based on CBP request, DOI has provided additional analysis and documentation for some of the 29 projects
- Based on follow-up studies performed by CBP after completion of the construction, the total estimated cost to buy out the balance of the conservation actions, and to fulfill CBP’s 2009 commitment, is \$2,688,000
  - This would mean a total of  $\$17.8\text{M} + \$2.7\text{M} = \$19.5\text{M}$  total
- DOI provides CBP bi-annual status reports on progress of the mitigation efforts



- DOI low execution rate
  - DOI has executed \$8.8M of \$17.8M (49%) provided
    - But \$8M of that \$8.8M was for one project (CA land acquisition)
    - Current IAA expires in 2015
- DOI and CBP have not always agreed on DOI approach and analysis in determining the mitigation levels
  - Over 70% (\$36+ M) of DOI mitigation is for land acquisition
  - After initial disagreement in CA, CBP and DOI have now agreed to \$8M
  - CBP and DOI remain far apart on appropriate mitigations for Texas
    - Main issue in Texas is for “connectivity” for Ocelots
    - CBP fence does cut across some historical movement corridors, however, impacts from ranching and other development have impacted species in south Texas such that few individuals have been observed in many years



# Points

- Current funding environment
  - Mitigation funding has received scrutiny from the Hill
  - No indication of additional funding for mitigations in budgets



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1)

(b) (5)

2)

